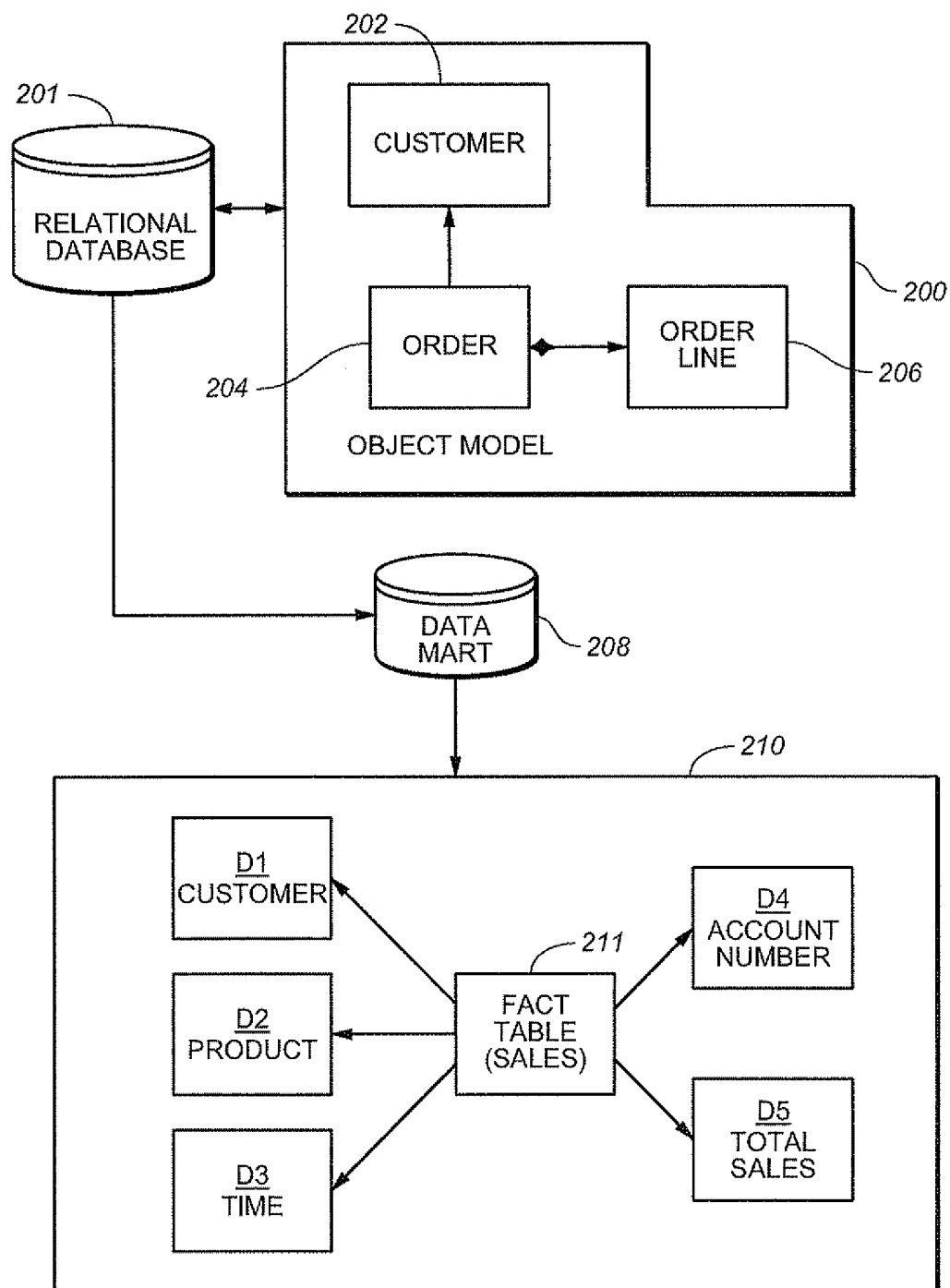
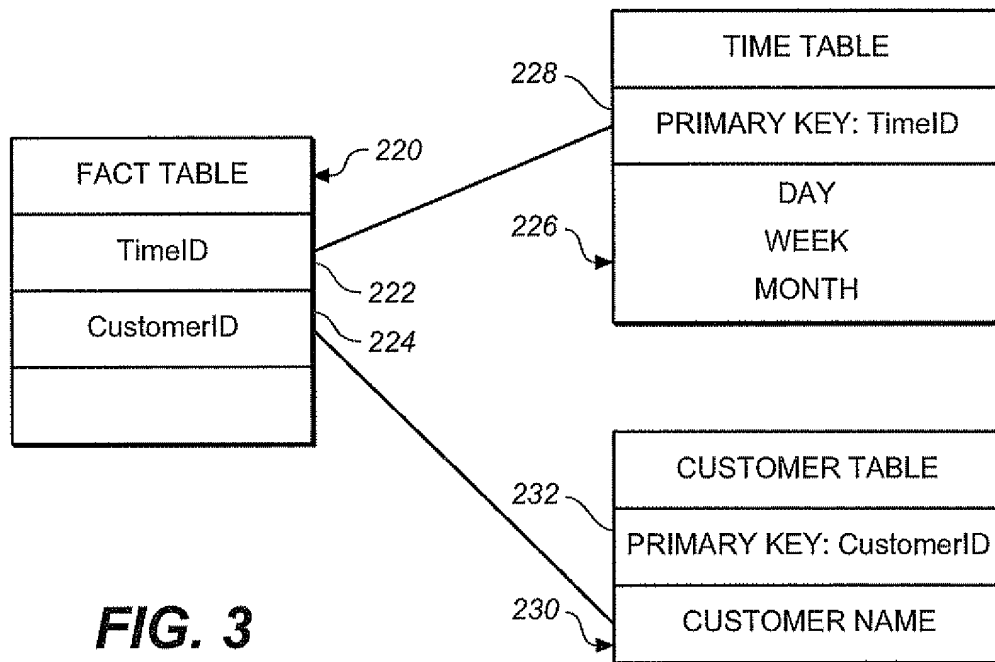
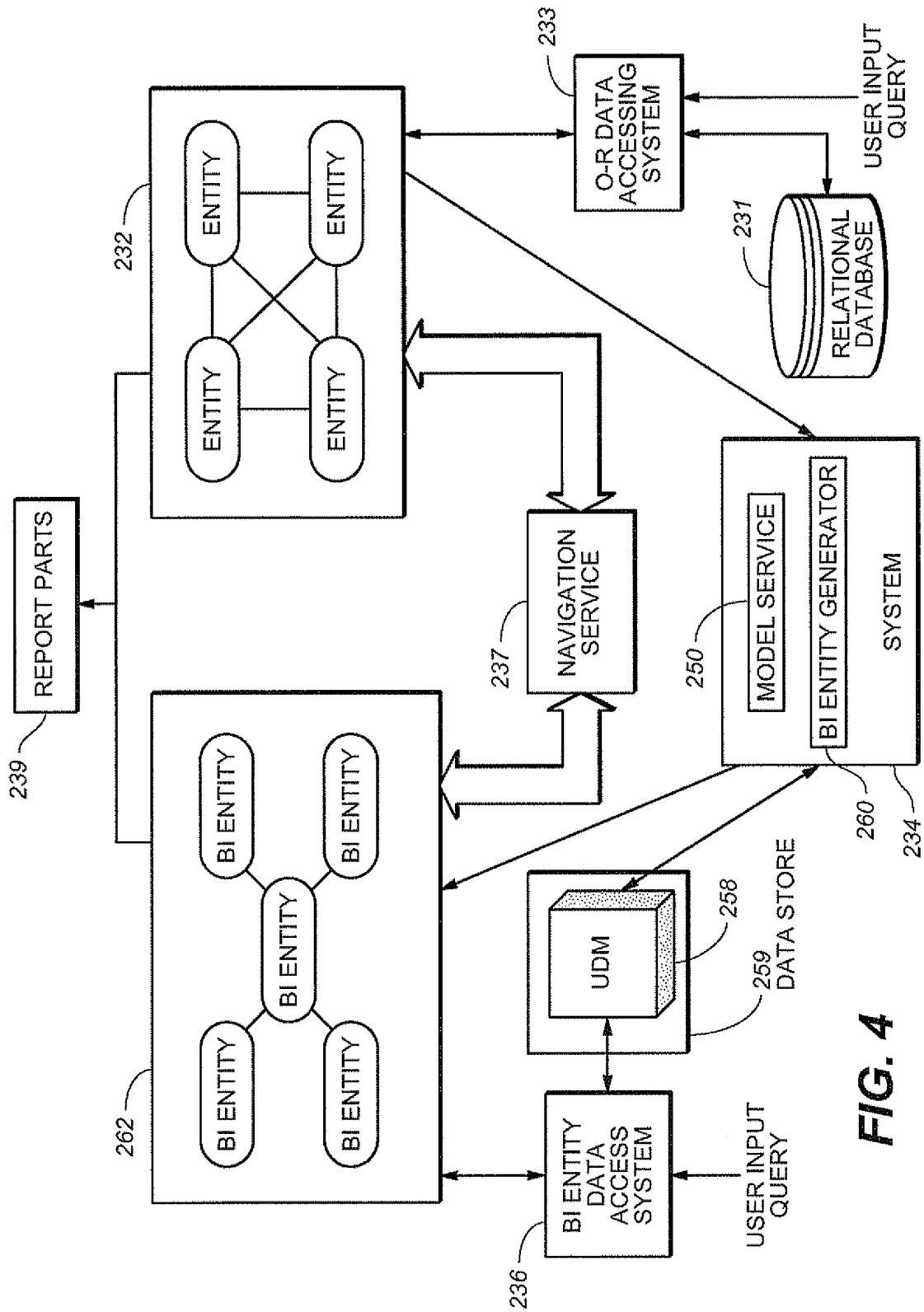


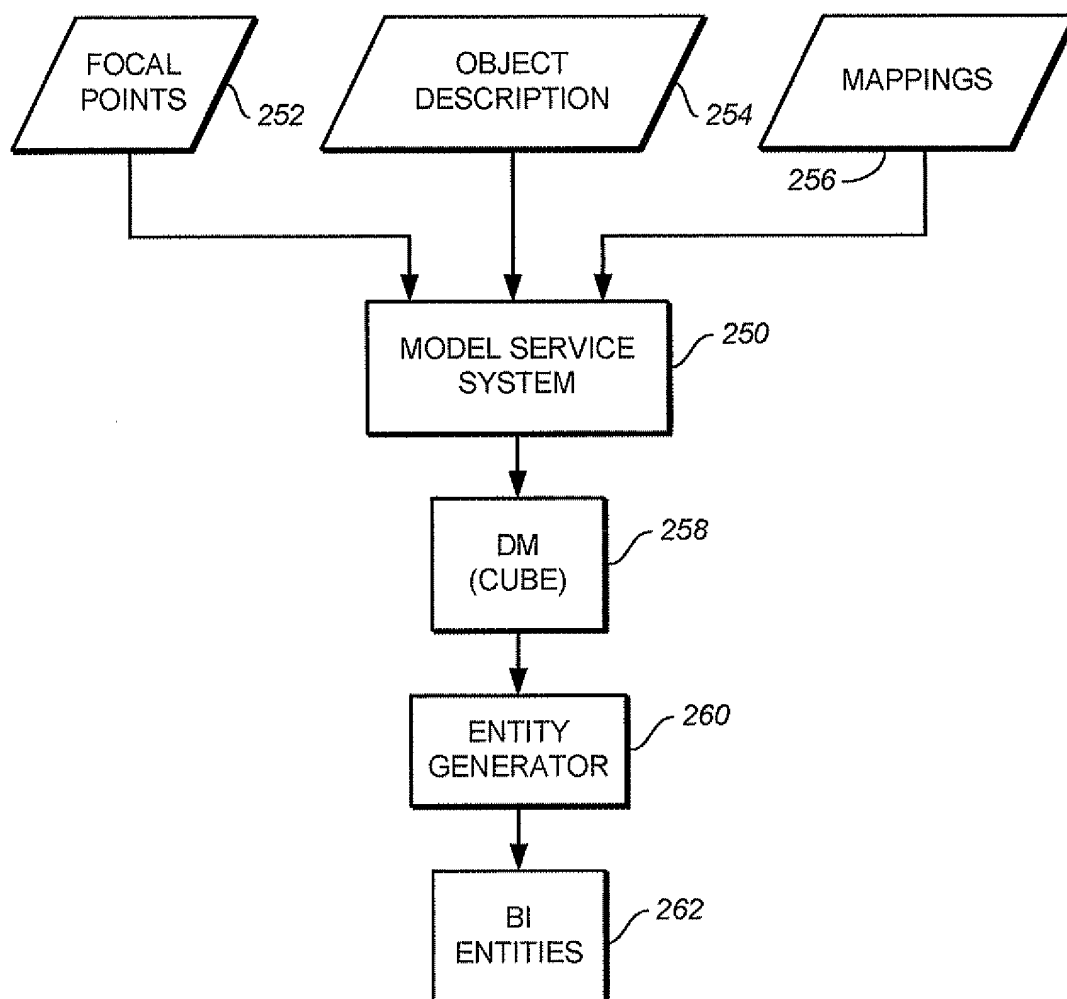
FIG. 1

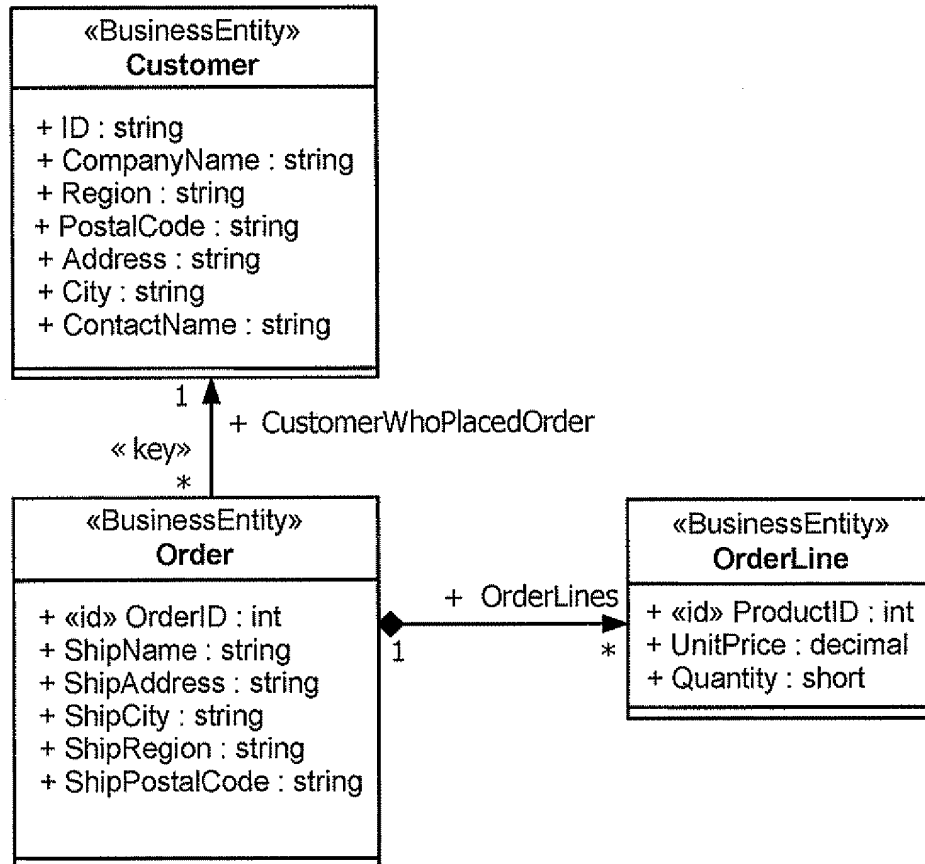


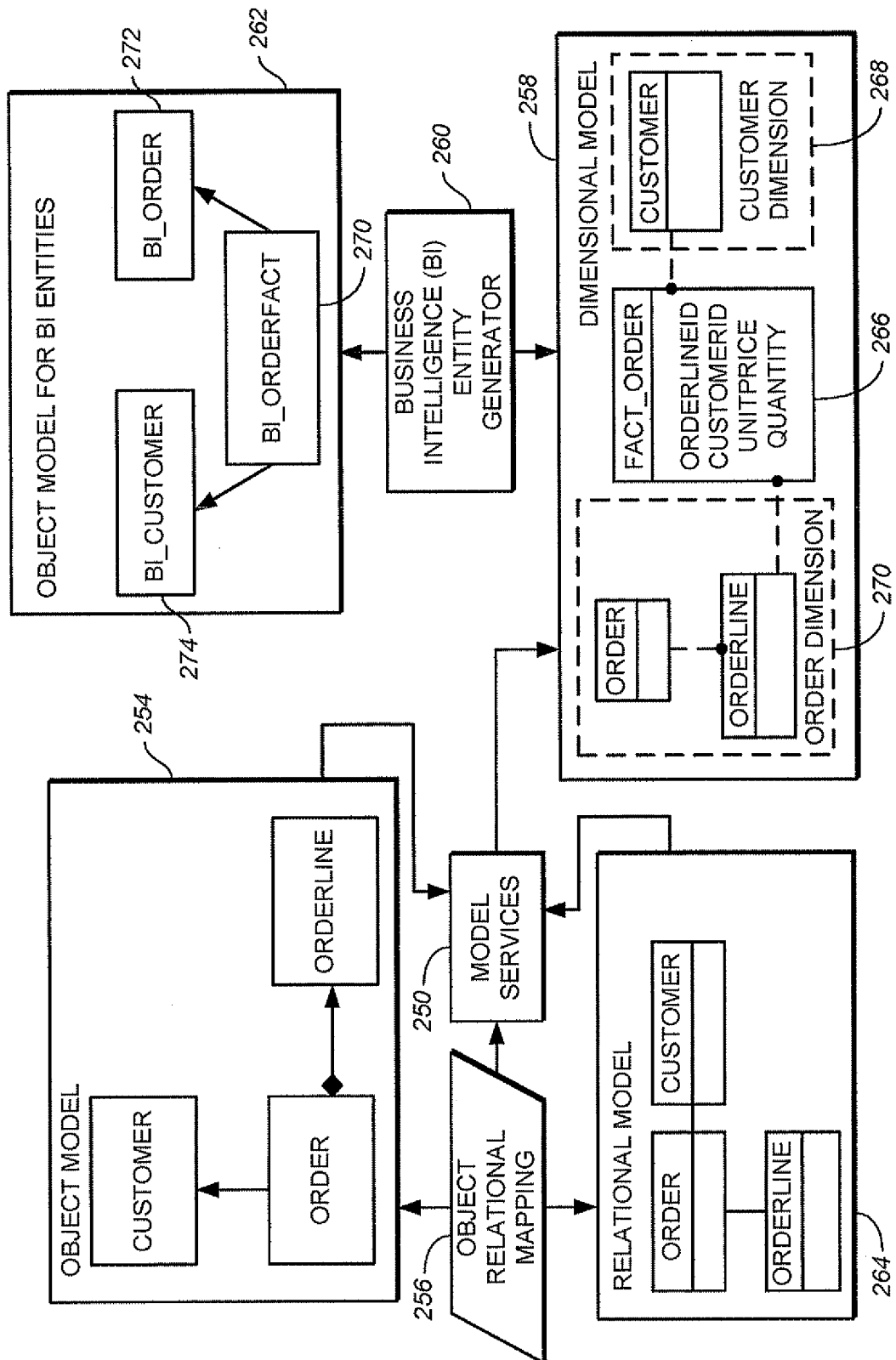
**FIG. 2**  
(PRIOR ART)

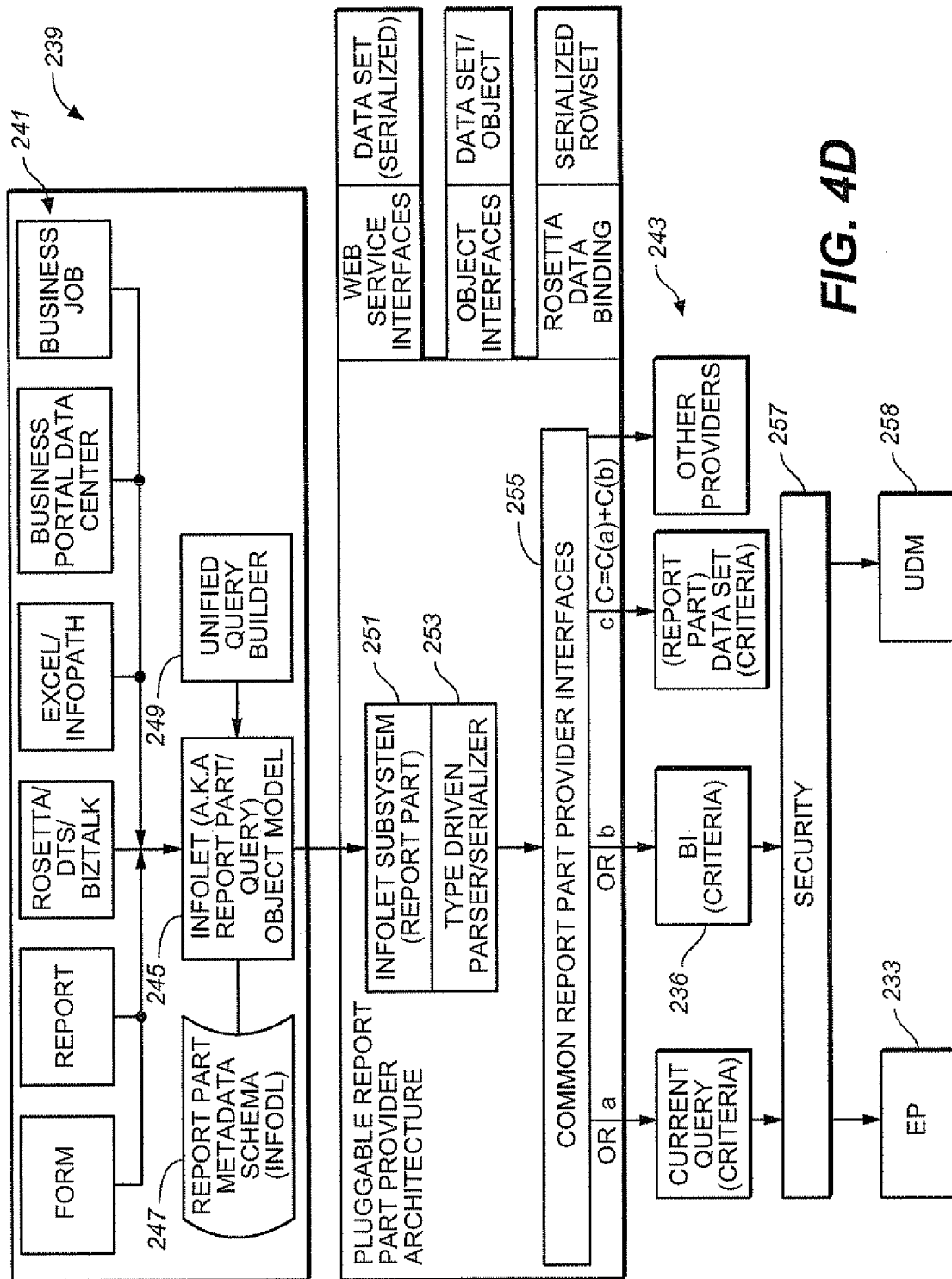


**FIG. 4**

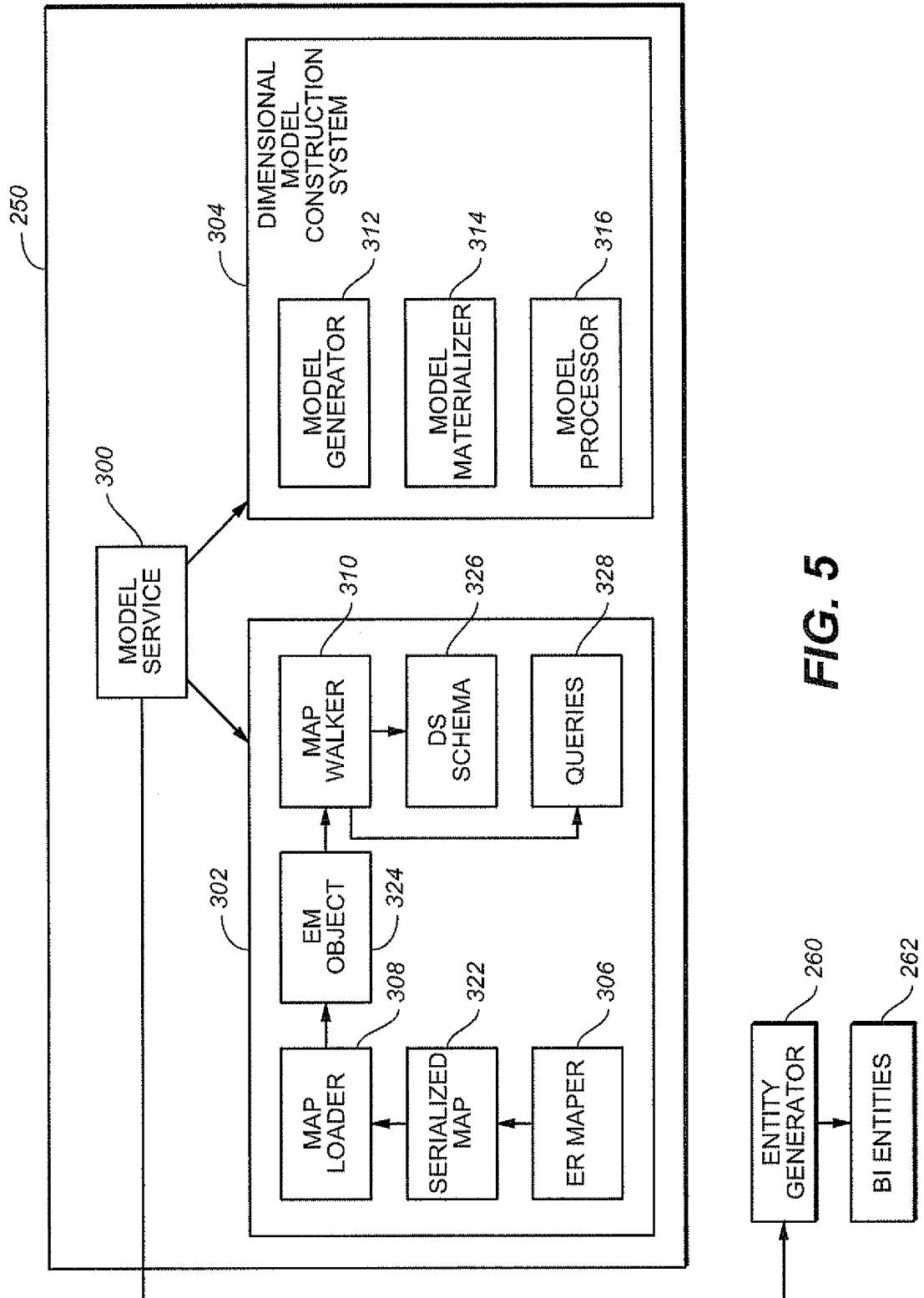
**FIG. 4A**

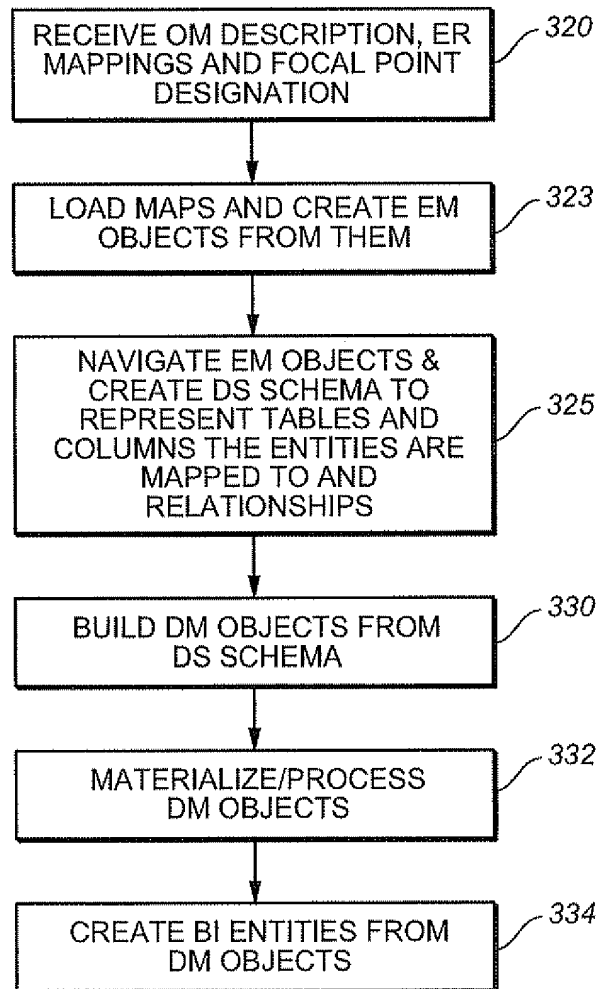
**FIG. 4B**

**FIG. 4C**





**FIG. 5**

**FIG. 6A**

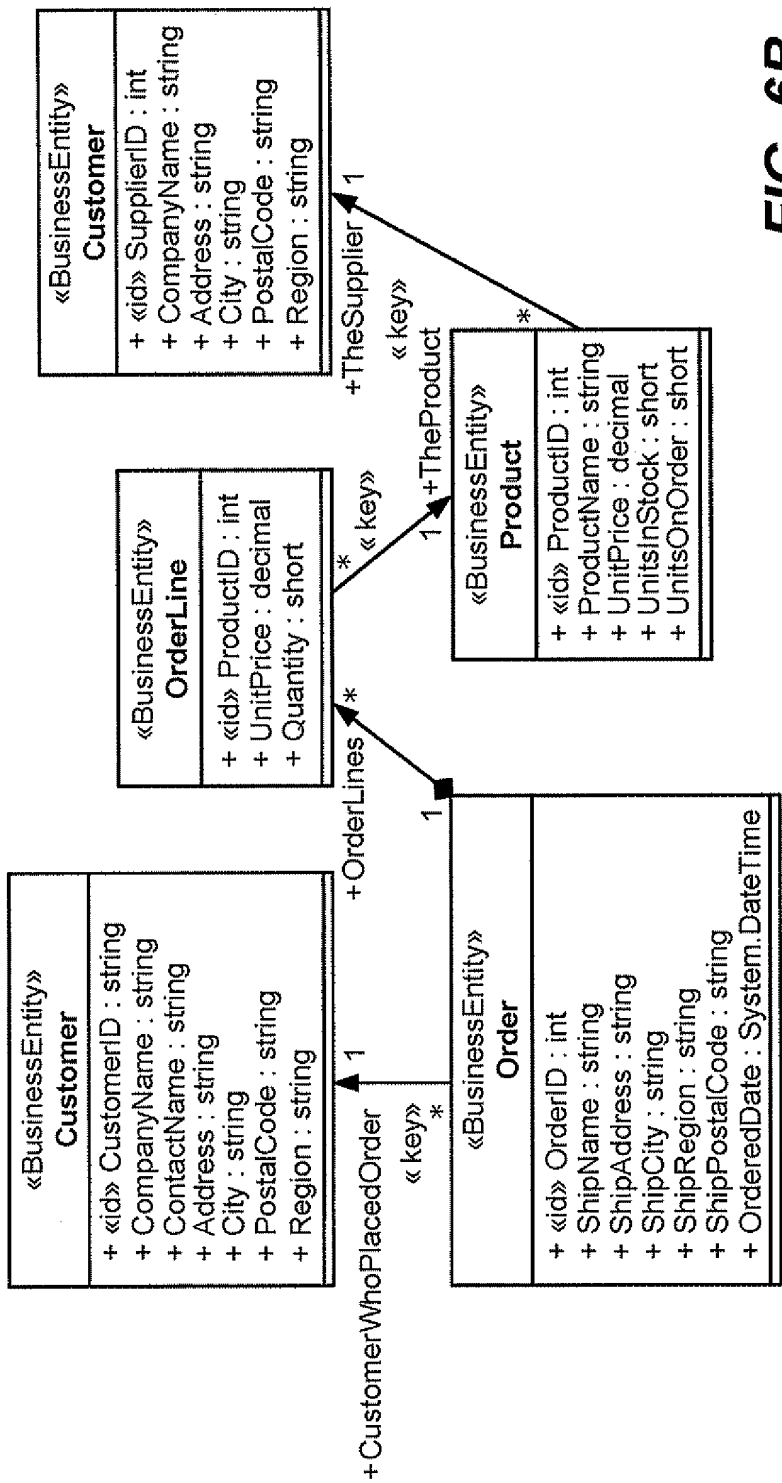
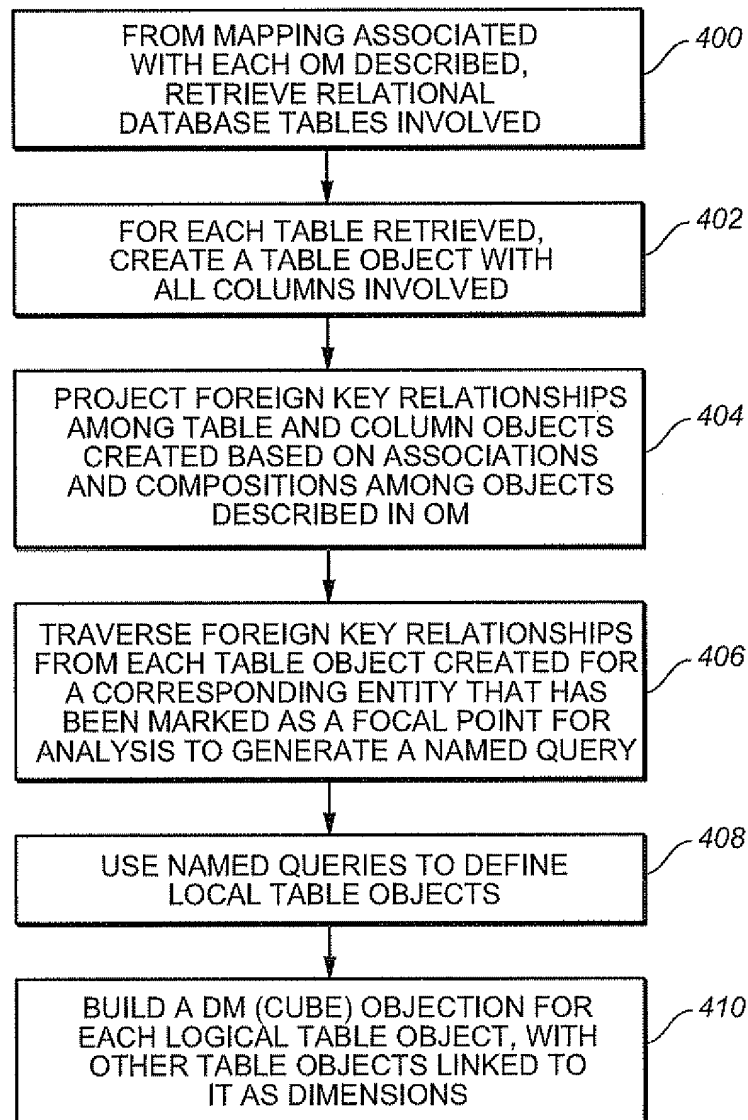
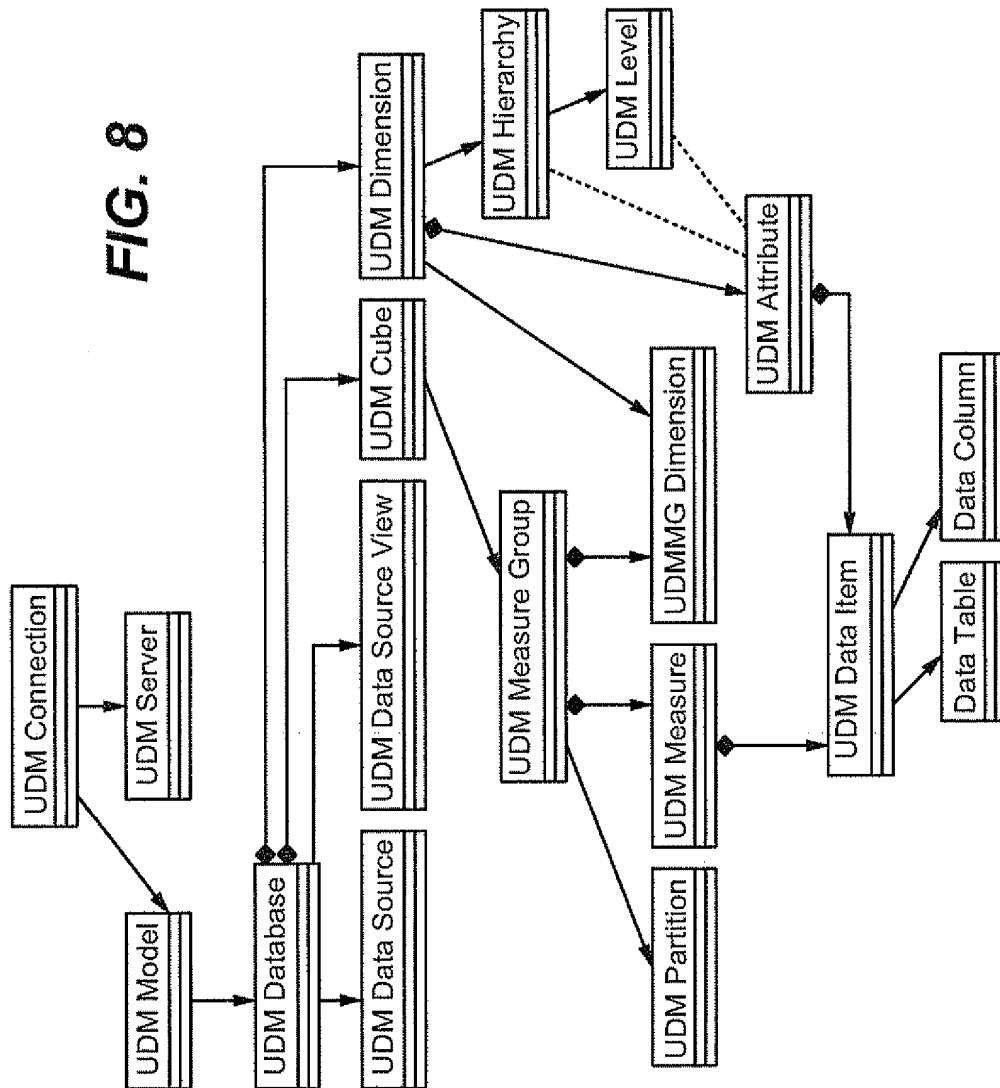
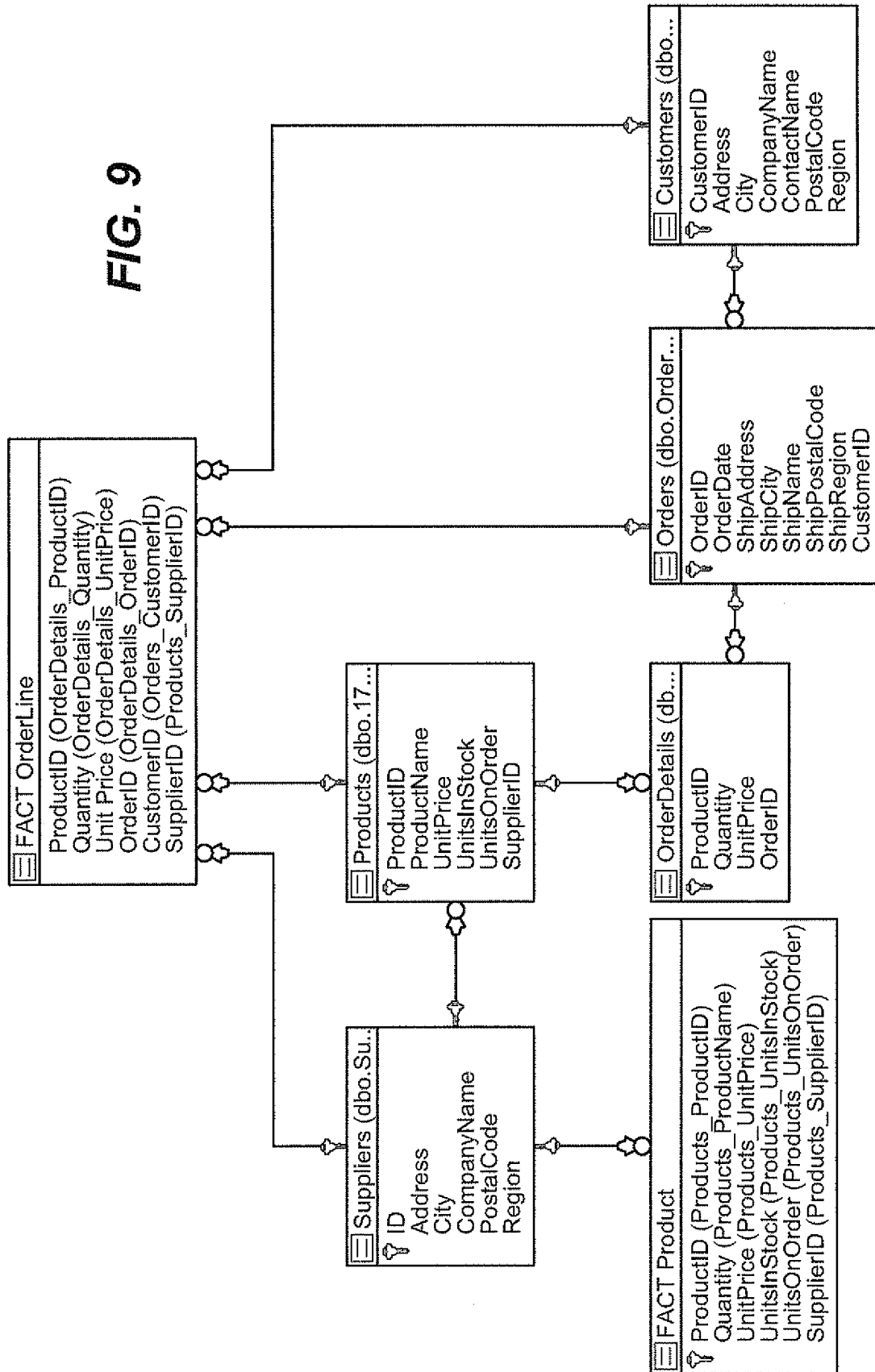
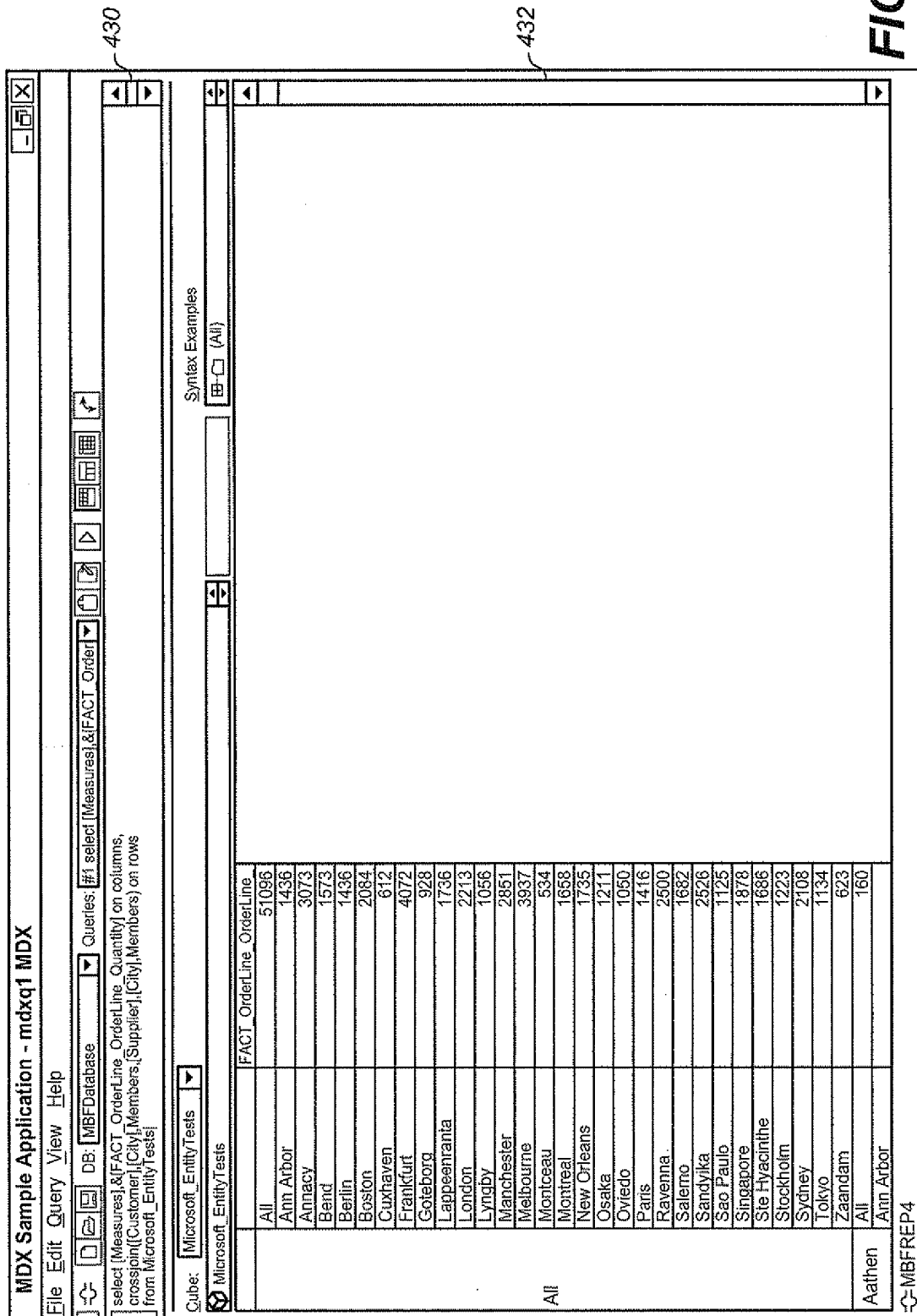


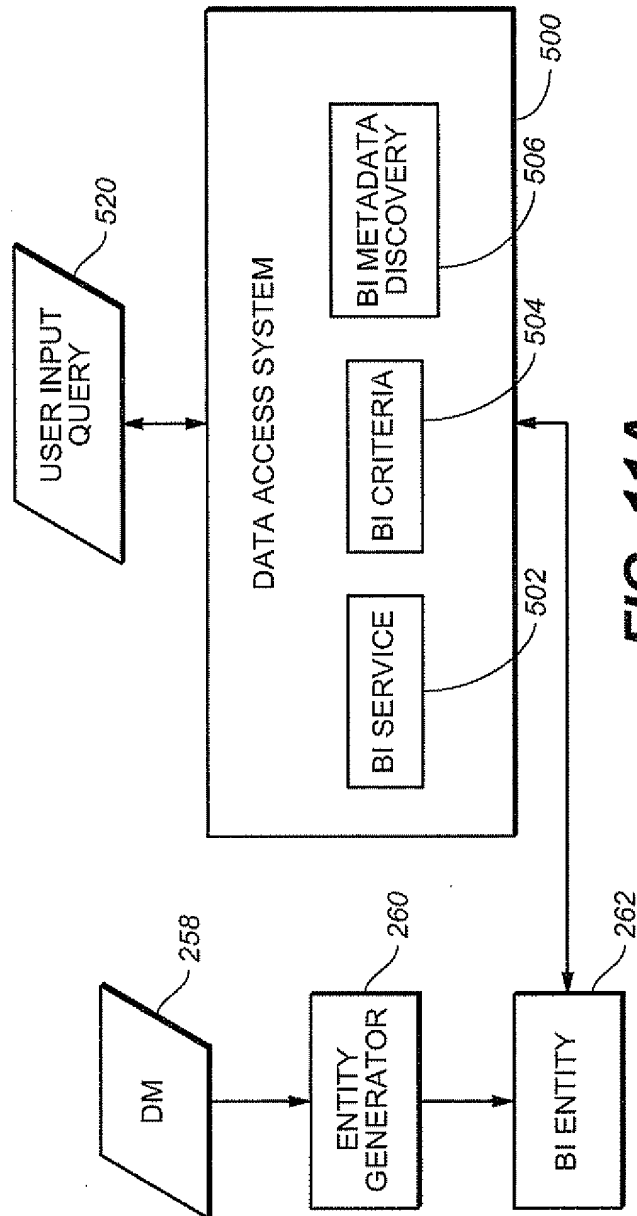
FIG. 6B

**FIG. 7**

**FIG. 8**

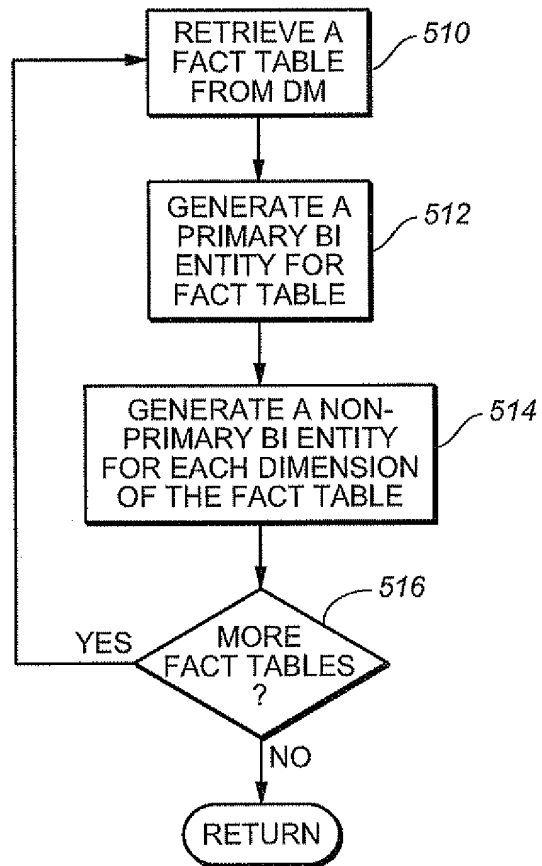
**FIG. 9**





**FIG. 11A**



**FIG. 11B**

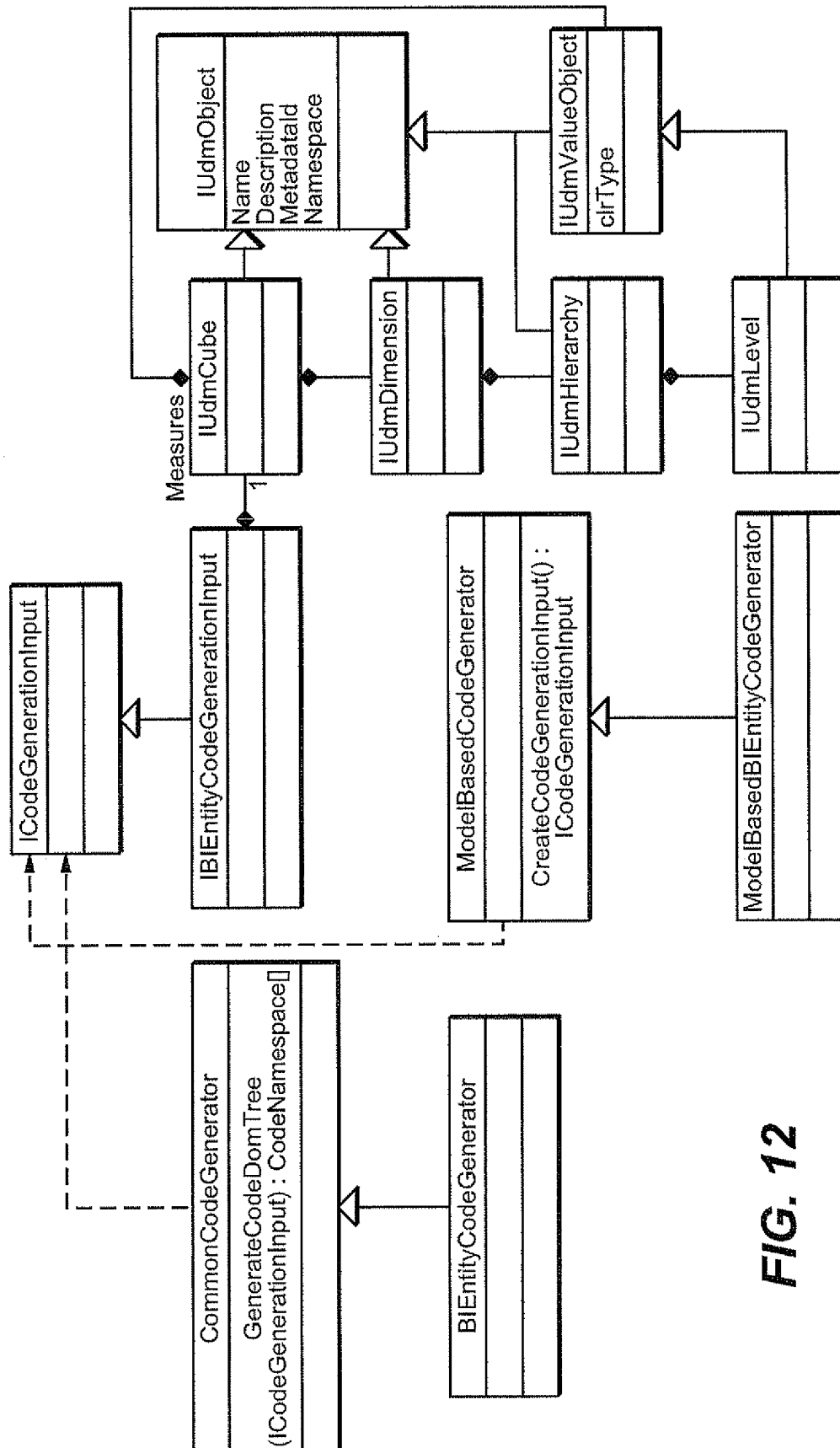


FIG. 12

```

public interface ICodeGenerator
{
    /// <summary>
    /// The method returns a GeneratedCodeWithWritableAreaPositions.
    /// </summary>
    /// <param name="input">ICodeGenerationInput defines the data needed for cod-
    generation.</param>
    /// <returns>The GeneratedCodeWithWritablePositions.</returns>
    GeneratedCodeWithWritableAreaPositions
    GeneratedCode(ICodeGenerationInput input);
}

public interface IModelBasedCodeGenerator
{
    /// <summary>
    /// The method reads the store and creates the ICodeGenerationInput needed for
    code generation.
    /// </summary>
    /// <returns></returns>
    ICodeGenerationInput CreateCodeGenerationInput();
}

```

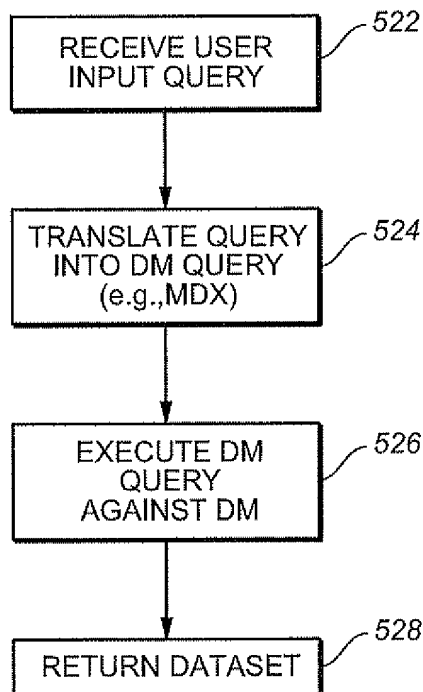
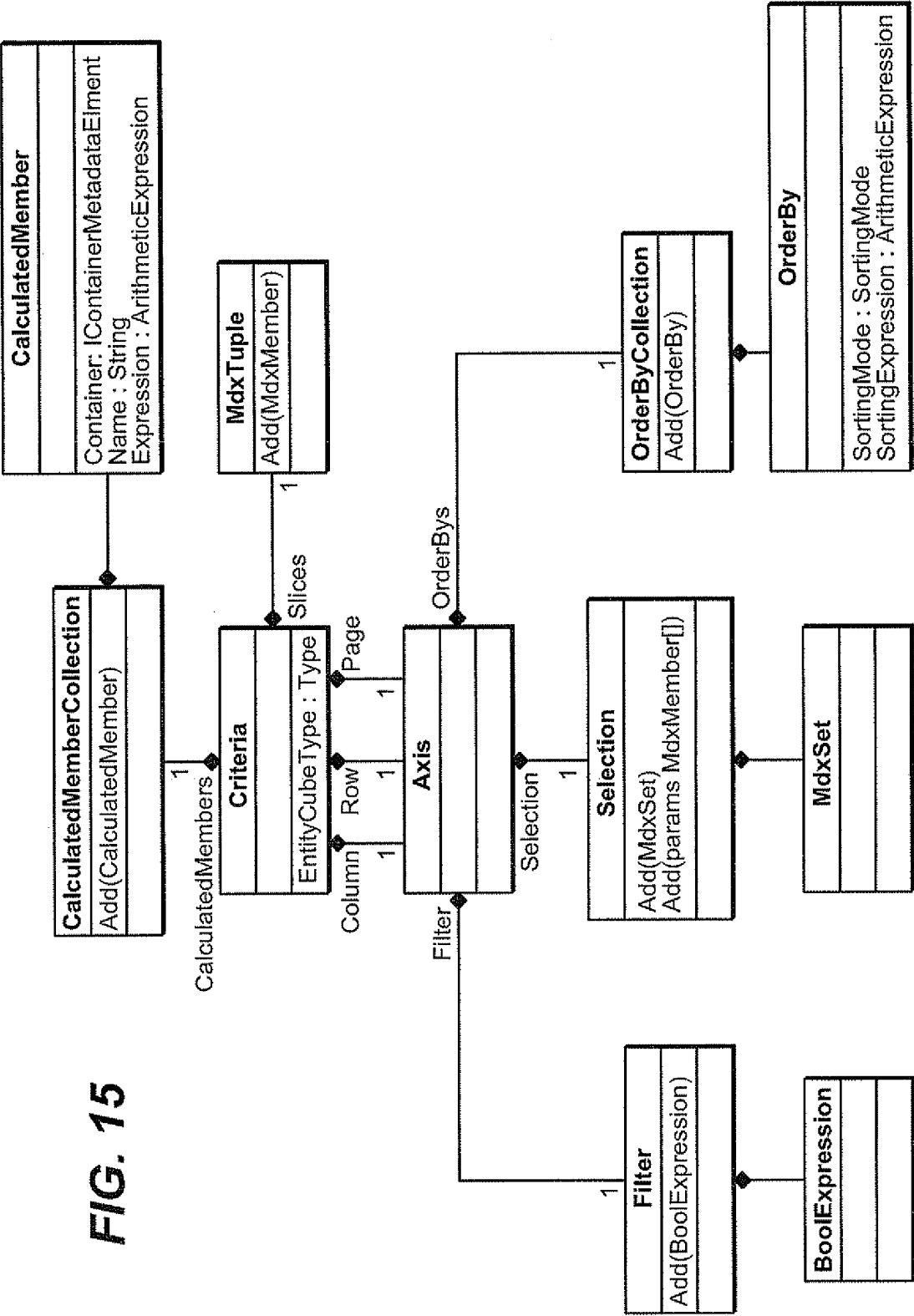
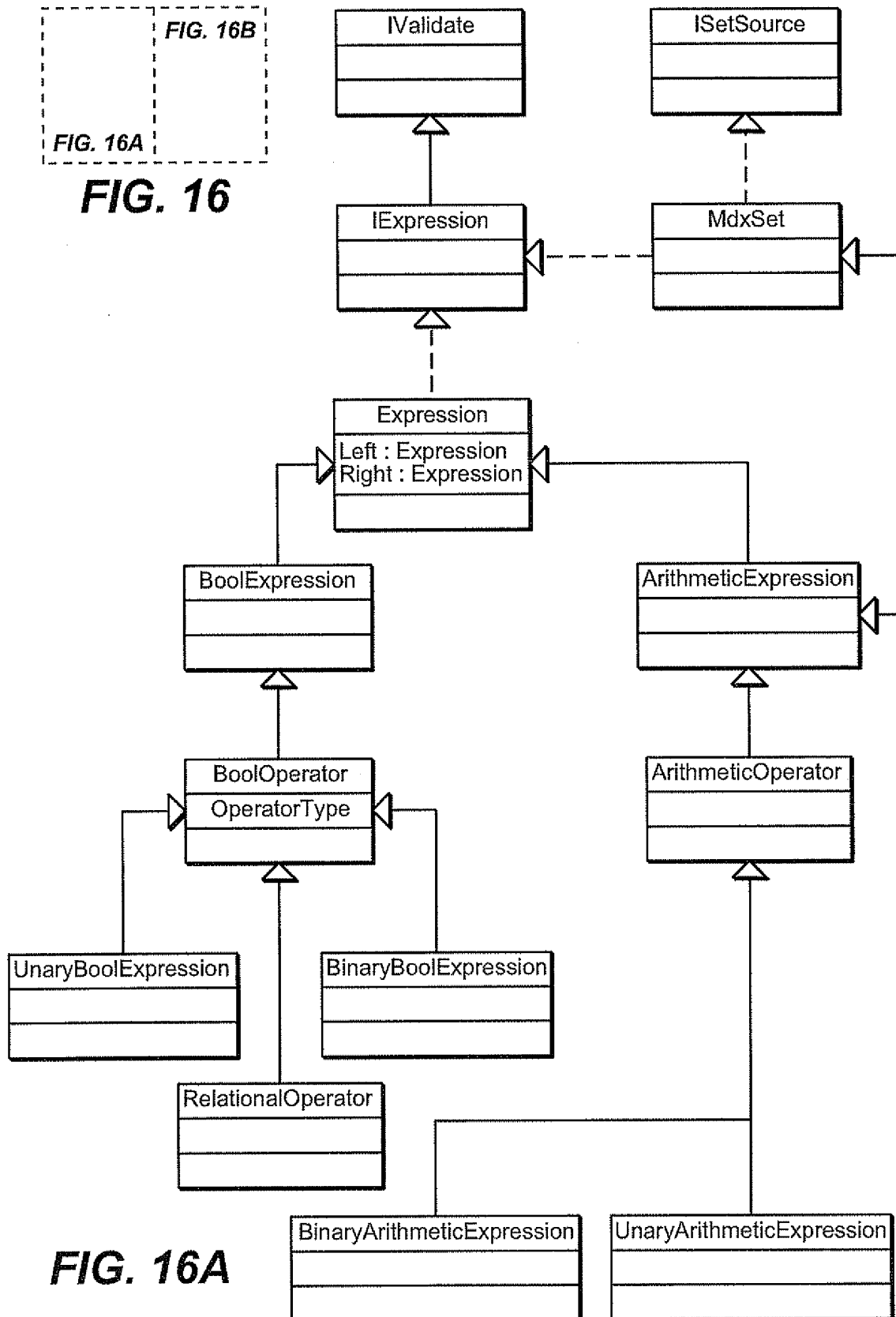
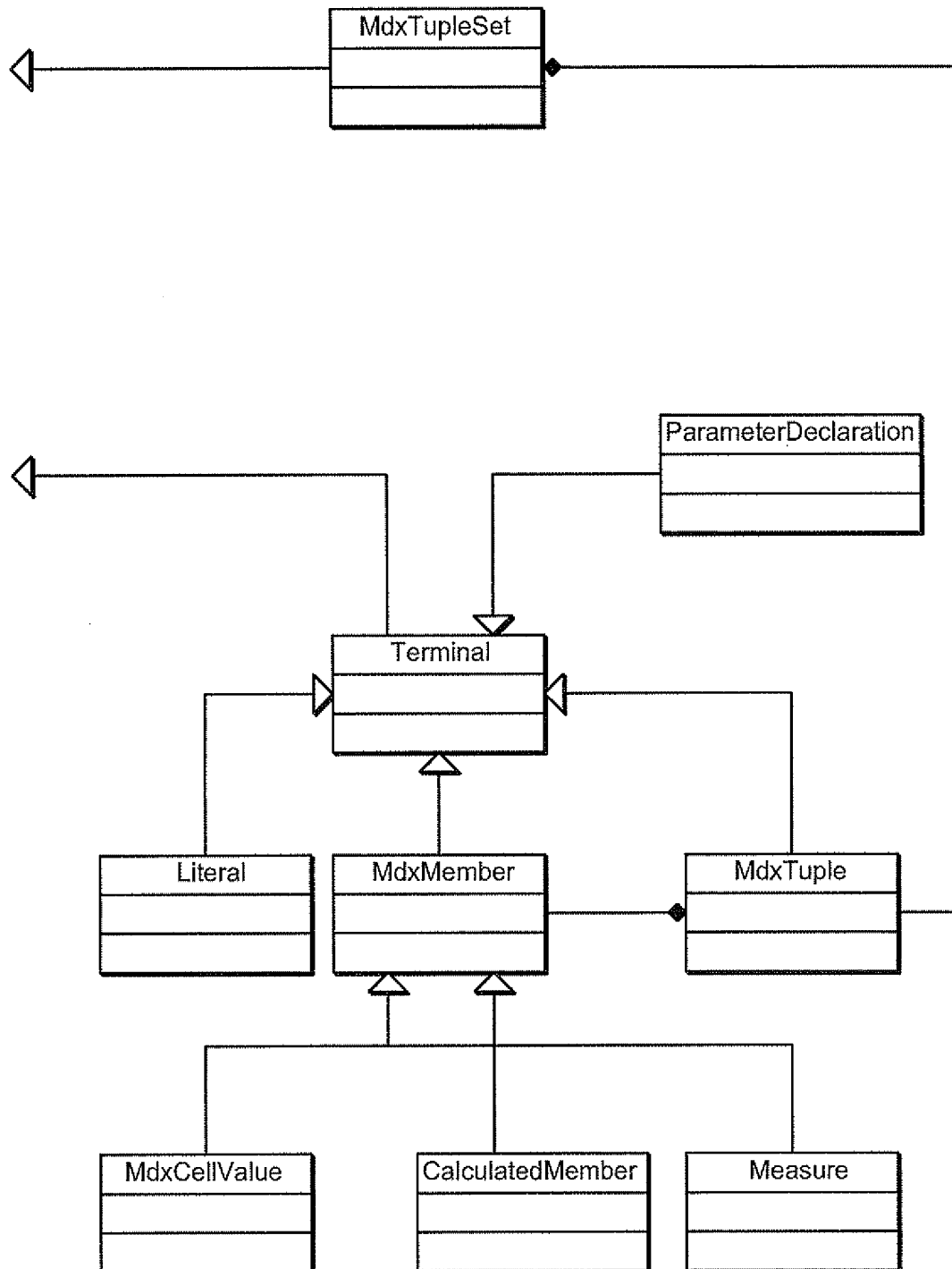
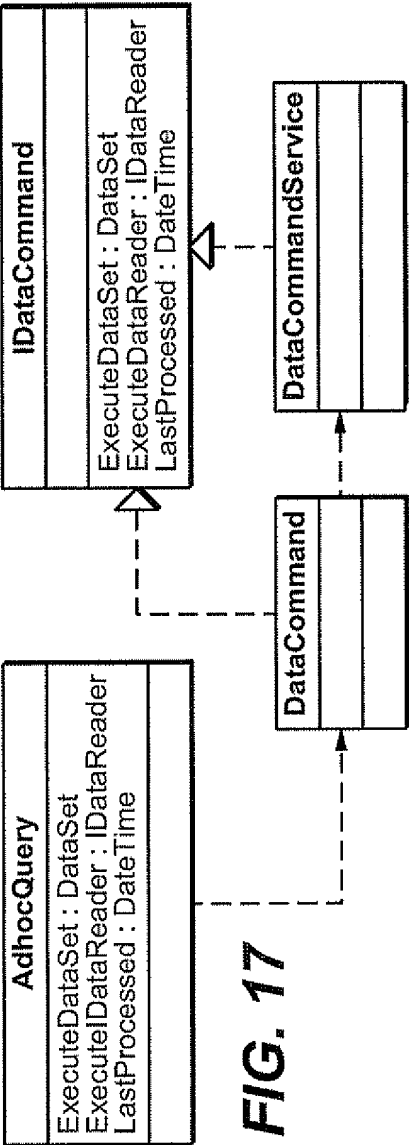
**FIG. 13****FIG. 14**

FIG. 15





**FIG. 16B**



**FIG. 18**

Form1

[Order]	[OrderedDate]	[OrderedDate]	[MEMBER]	[CAPTION]	[Measures]&[FACT]	Product	Product	UnitsInStock	[Measures]&[FACT]	OrderLine	UnitIP
▶	All				3119				56424.86		
	1996-07-04 00:00:00				(null)				58.6		
	1996-07-05 00:00:00				(null)				61		
	1996-07-08 00:00:00				(null)				100.5		
	1996-07-09 00:00:00				(null)				94		
	1996-07-10 00:00:00				(null)				40.4		
	1996-07-11 00:00:00				(null)				30.8		
	1996-07-12 00:00:00				(null)				88.3		
	1996-07-15 00:00:00				(null)				36.6		
	1996-07-16 00:00:00				(null)				59.9		
	1996-07-17 00:00:00				(null)				57.8		
	1996-07-18 00:00:00				(null)				28.8		
	1996-07-19 00:00:00				(null)				97.1		▶
◀											▶

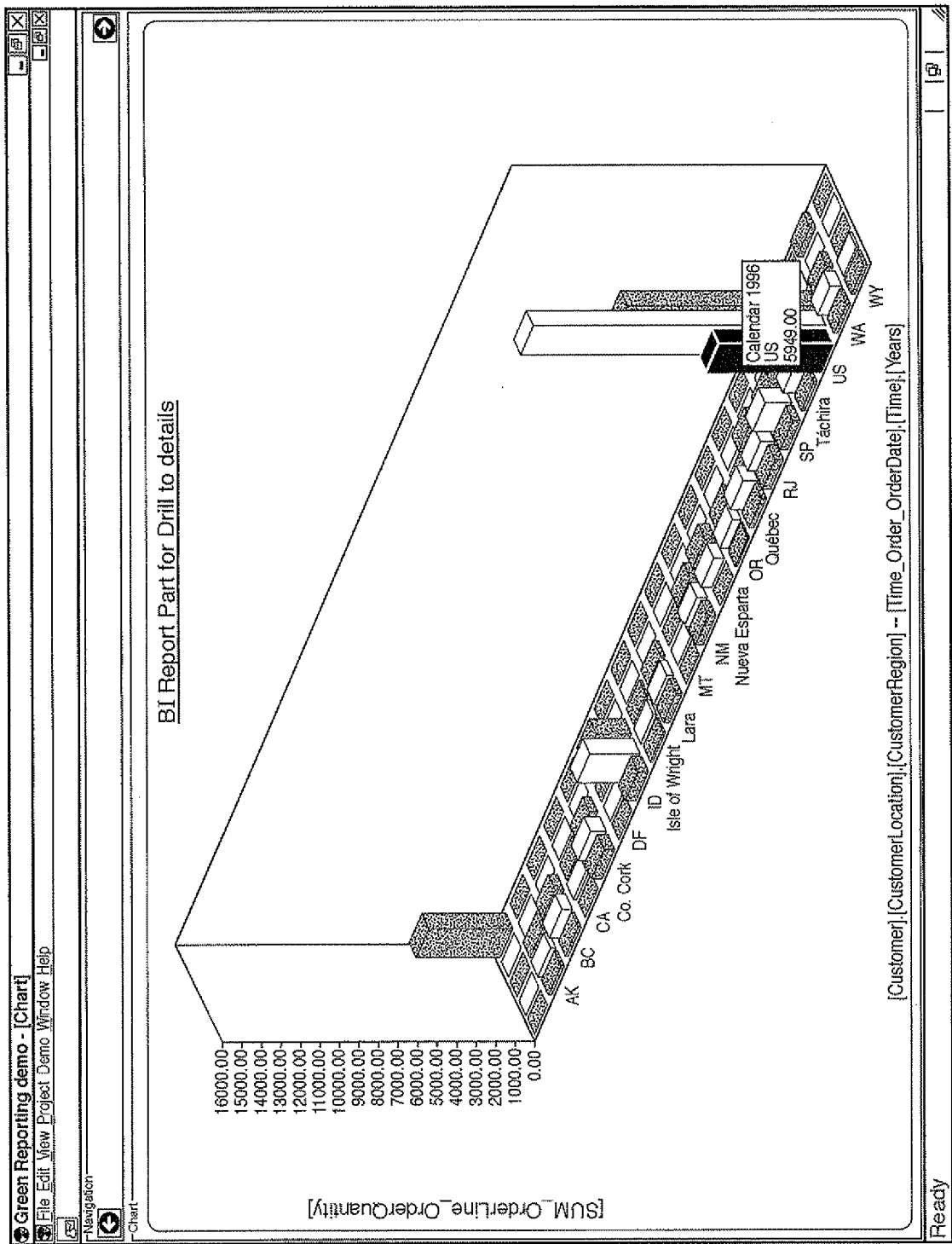


FIG. 19



Green Reporting demo - [Chart]				
File Edit View Project Demo Window Help				
Navigator				
Chart				
Microsoft EntityTests Customer				
Customer.CustomerRegion	Customer.CustomerName	Customer.CustomerCity	Customer.CustomerID	
US	Maria Anders	Berlin	ALFKI	
US	Ana Trujillo	México D.F.	ANATR	
US	Antonio Moreno	México D.F.	ANTON	
US	Thomas Hardy	London	AROUT	
US	Christina Berglund	Lureå	BERGS	
US	Hanna Moos	Mannheim	BLAUS	
US	Fredaigue Cileaux	Strasbourg	BONAP	
US	Marin Sommer	Madrid	BOLID	
US	Laurence Leblanc	Marseille	BONAP	
US	Victoria Ashworth	London	BSBEV	
US	Patricia Simpson	Buenos Aires	CACTU	
US	Francisco Chang	México D.F.	CENTC	
US	Yang Wang	Berlin	CHOPS	
US	Elizabeth Brown	London	CONSH	
US	Sven Otteb	Aachen	DRACD	
US	Janine Laburne	Nantes	DUMON	
US	Ann Devon	London	EASTC	
US	Roland Mendel	Graz	ERNSH	
US	Diego Roel	Madrid	FSSA	
US	Marlene Hamcè	Lille	FOLIG	
US	Maria Larsson	Bracke	FOLKO	
US	Peter Franken	München	FRANK	
US	Carrie Schmitt	Nantes	FRANR	
US	Paolo Accorti	Torino	FRANS	
US	Lino Rodriguez	Lisboa	FUJIB	
US	Eduardo Saravedra	Barcelona	GALED	
US	José Pedro Freyre	Sevilla	GODOS	
US	Philip Cramer	Brandenburg	KOENE	
US	Daniel Tonini	Versailles	LACOR	
US	Arnette Rodet	Toulouse	LAMAI	
US	Renate Messier	Frankfurt a.M.	LEHMS	
US	Giovanni Rovelli	Bergamo	MAGAA	
US	Callistine Dewey	Buxelles	MAISD	
US	Alexander Feuer	Leipzig	MORGK	
US	Simon Cramier	London	NORTS	
US	Yvonne Morcada	Buenos Aires	OCEAN	
US	Hennette Pfalzheim	Köln	OTTIK	
US	Matte Bertrand	Paris	PARIS	
US	Guillermo Fernández	México D.F.	PERIC	
US	Georg Phipps	Salzburg	PICCO	
US	Isabel de Castro	Lisboa	PRINI	
US	Horst Kloss	Cuxwalle	QUICK	
US	Sergio Gutierrez	Buenos Aires	RANCH	
US	Maurizio Mexoni	Reggio Emilia	REGGC	
US	Michael Holz	Genève	RICSU	
US	Alejandra Carrero	Mannid	ROMEY	

Ready

FIG. 20

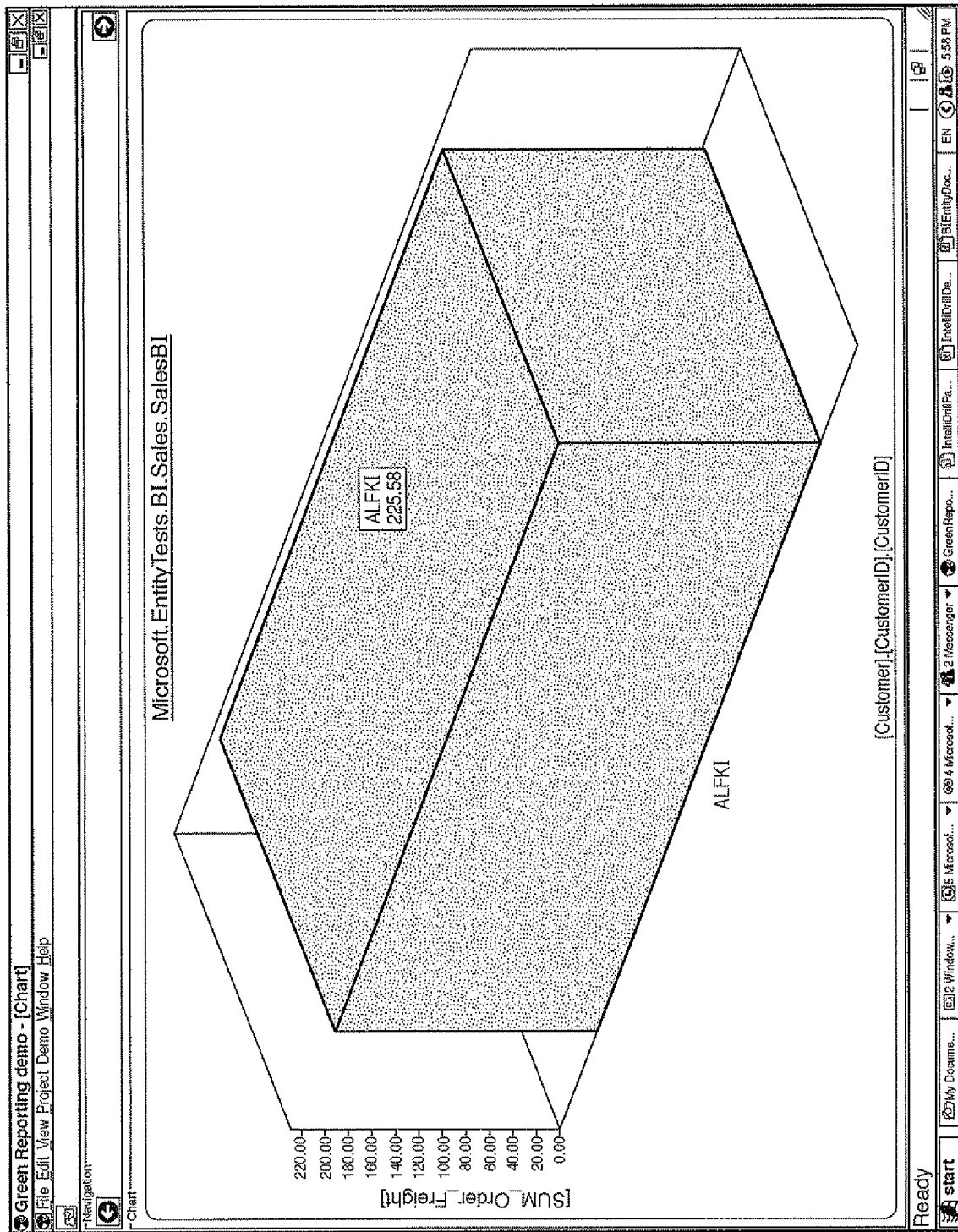


FIG. 21

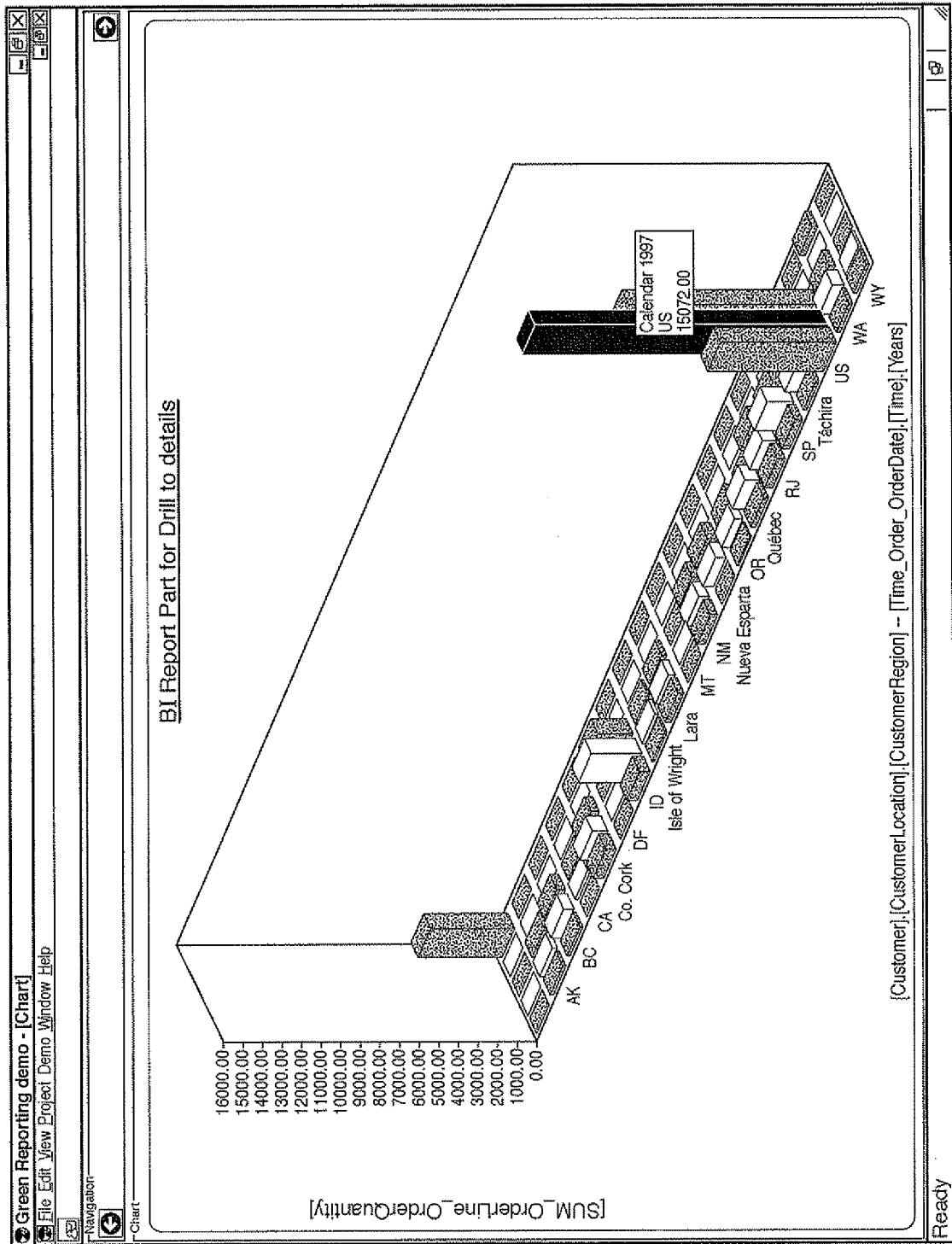


FIG. 22

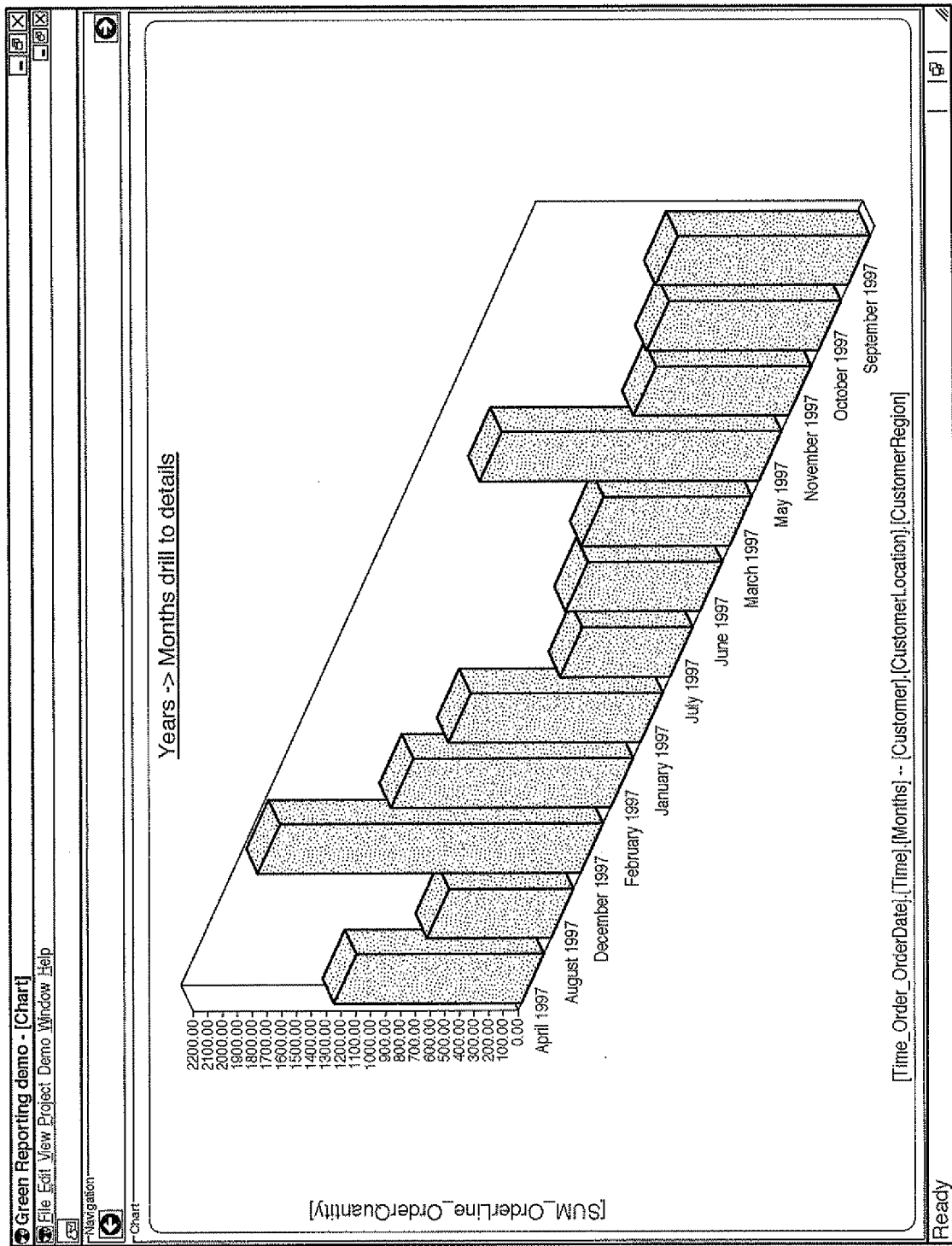
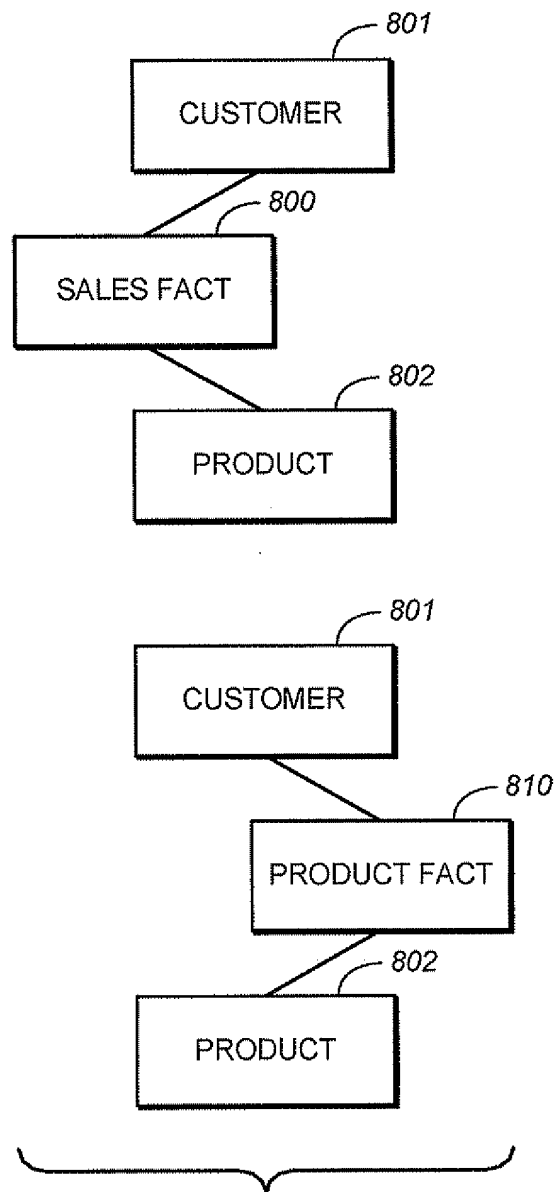


FIG. 23



**FIG. 24**

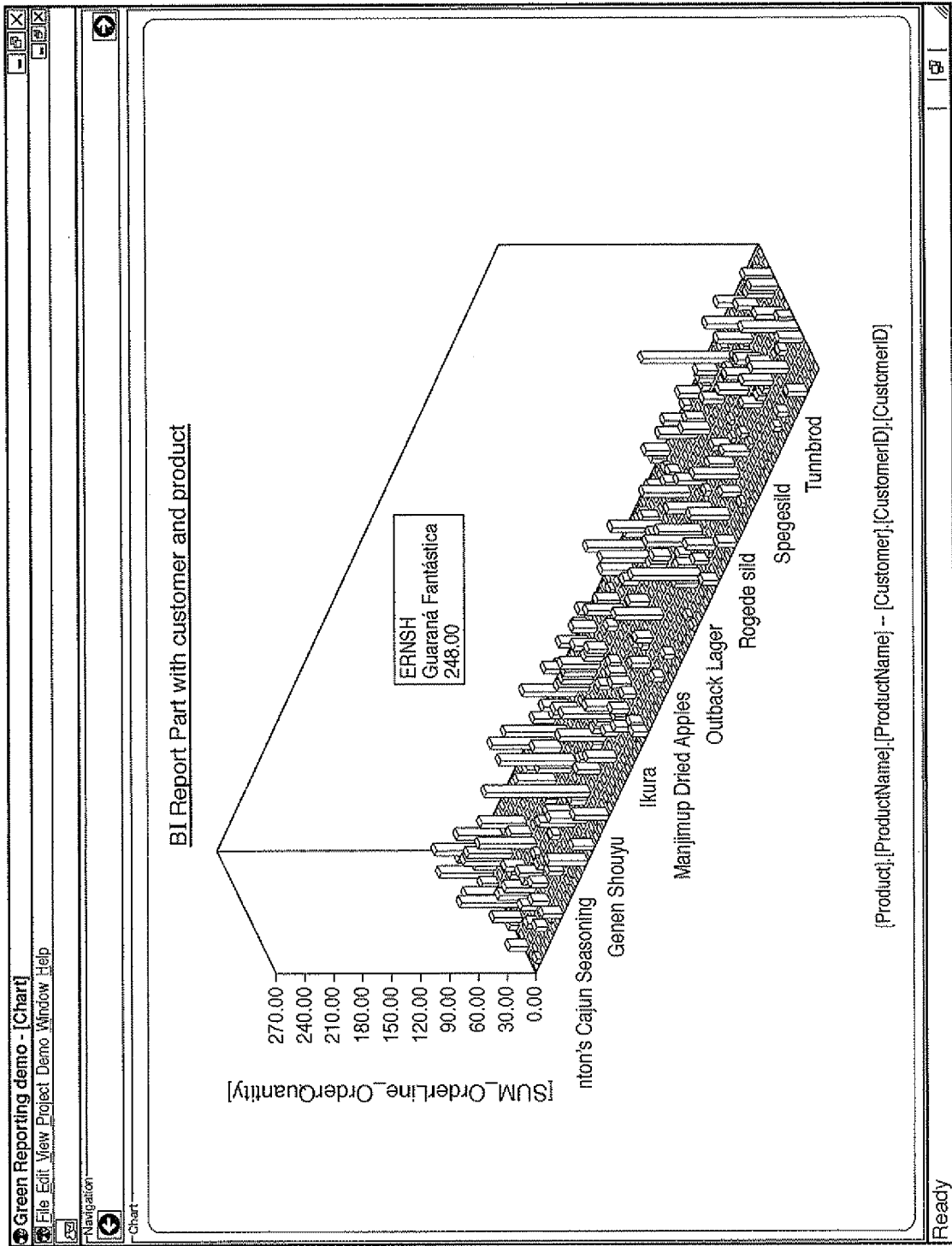


FIG. 25

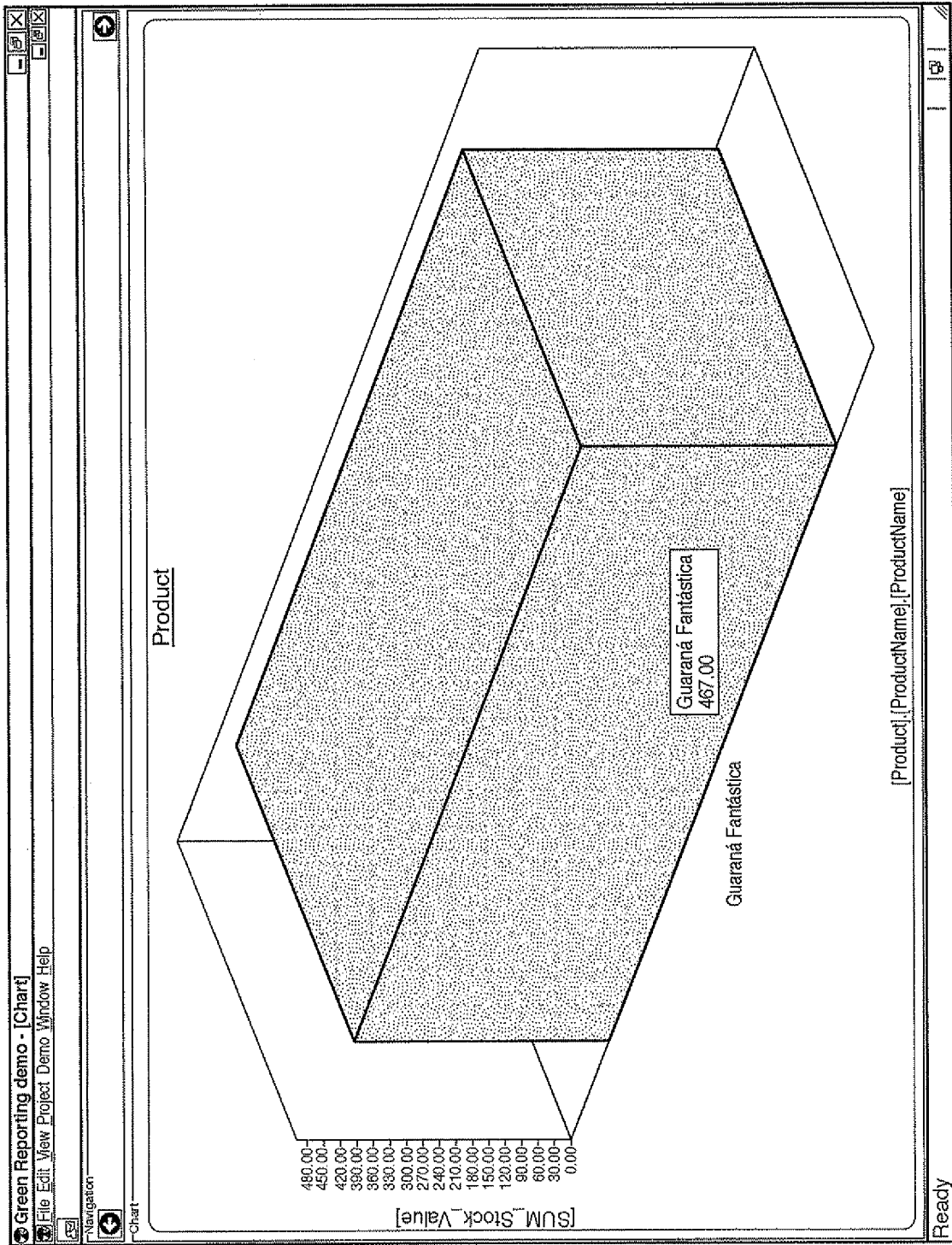
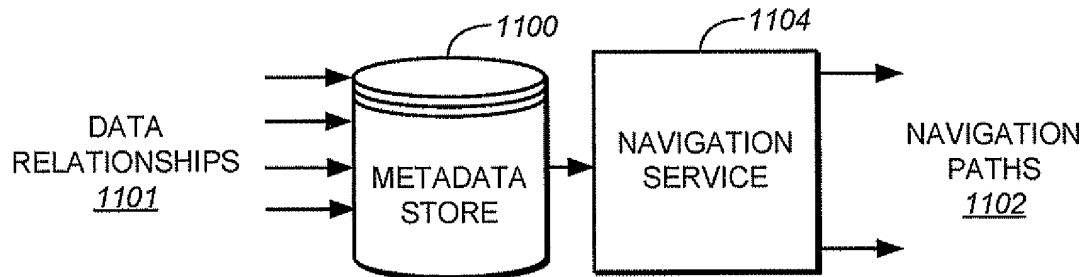
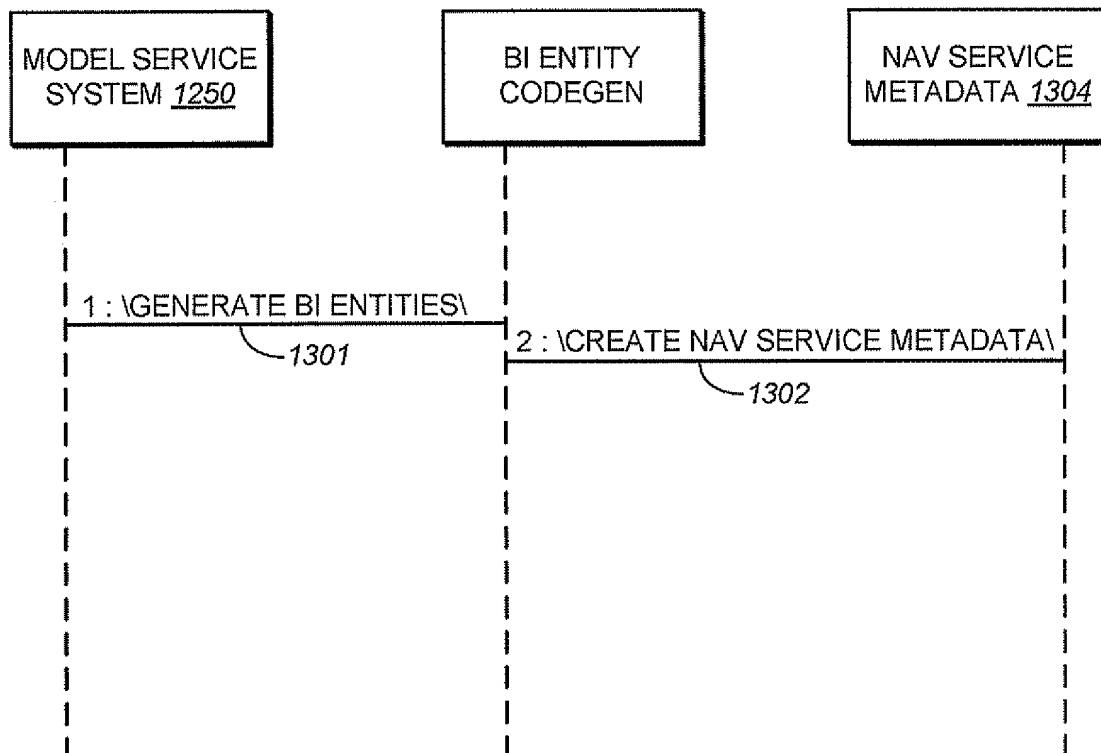
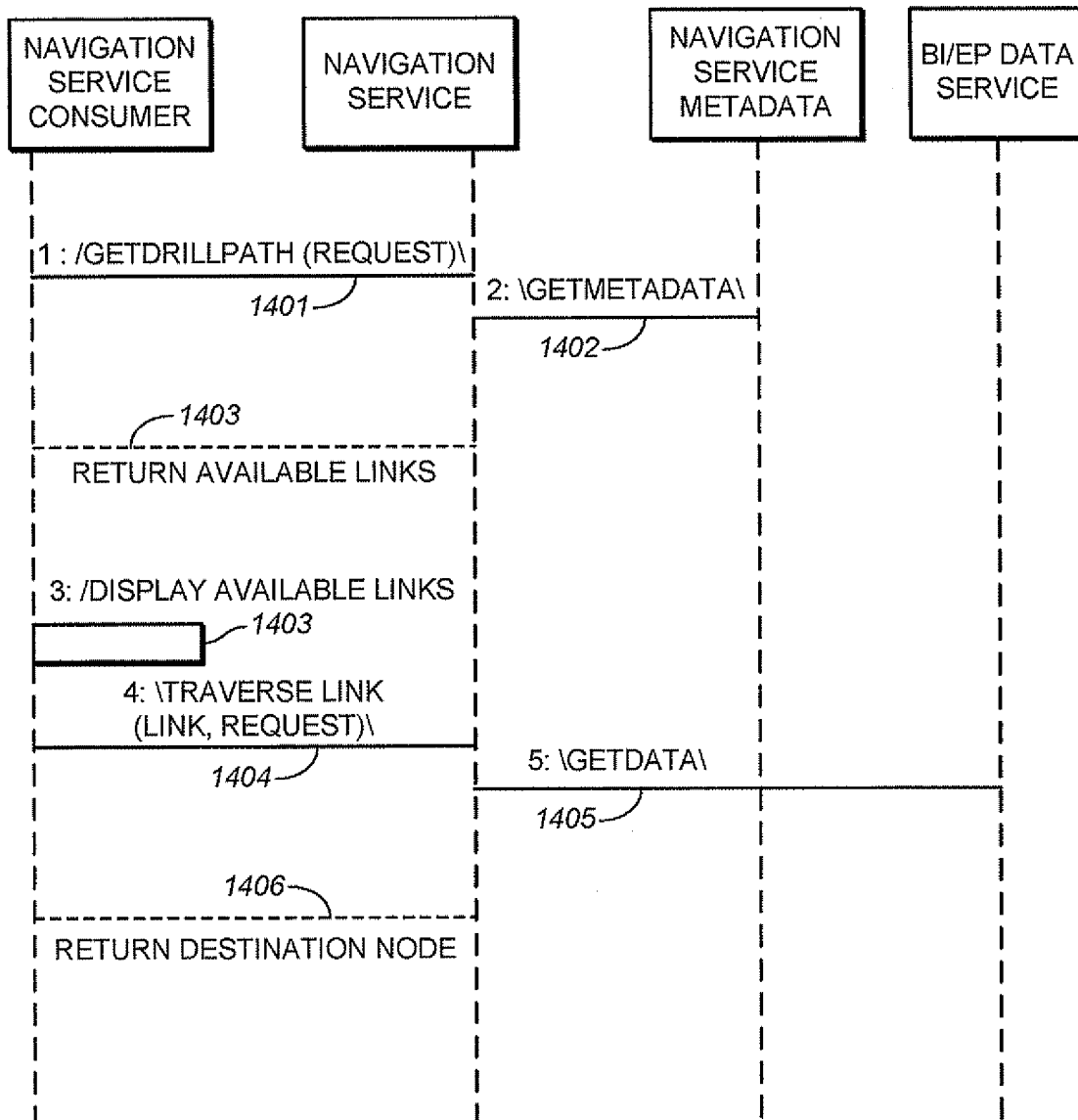


FIG. 26

**FIG. 27****FIG. 28**



**FIG. 29**

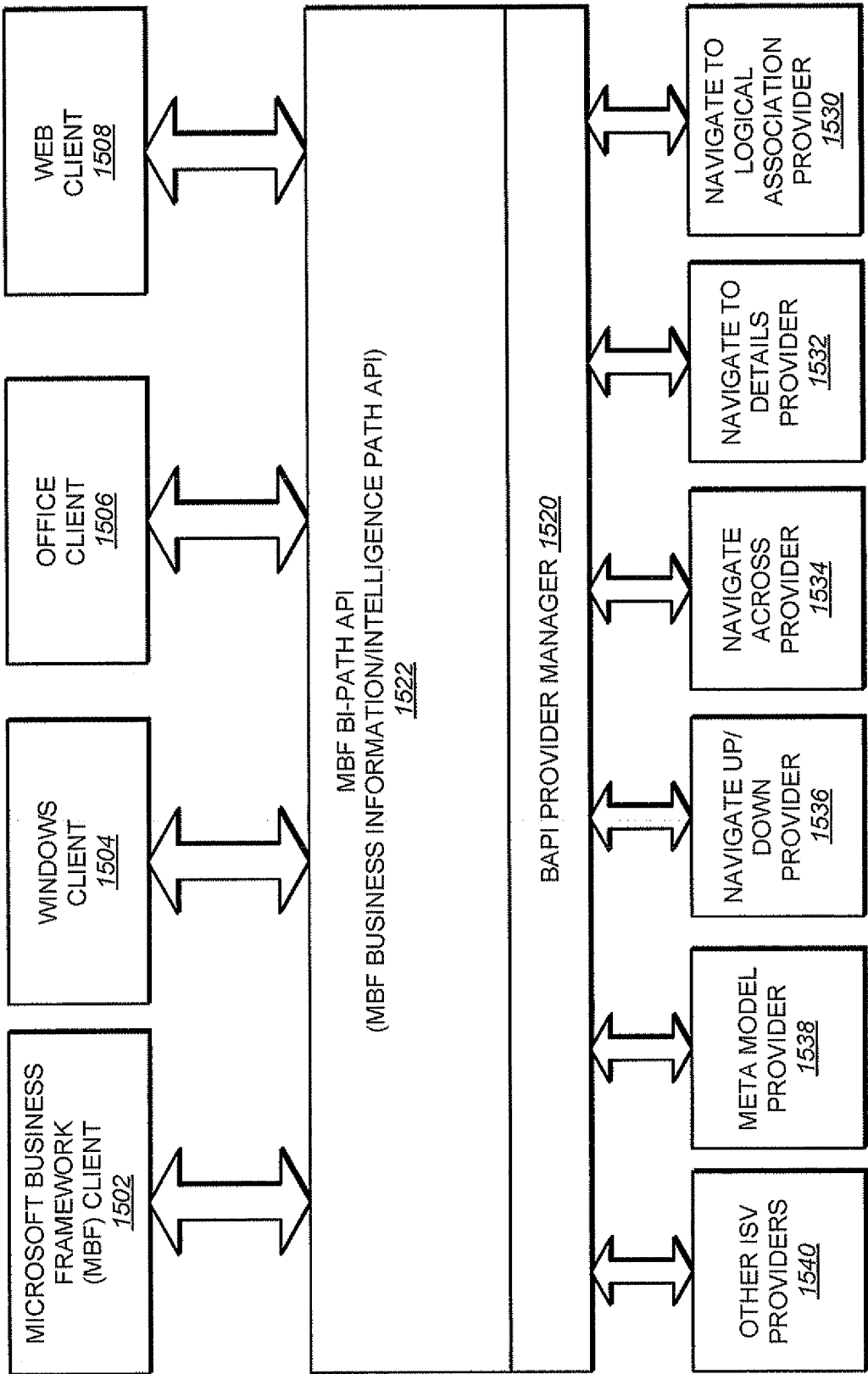
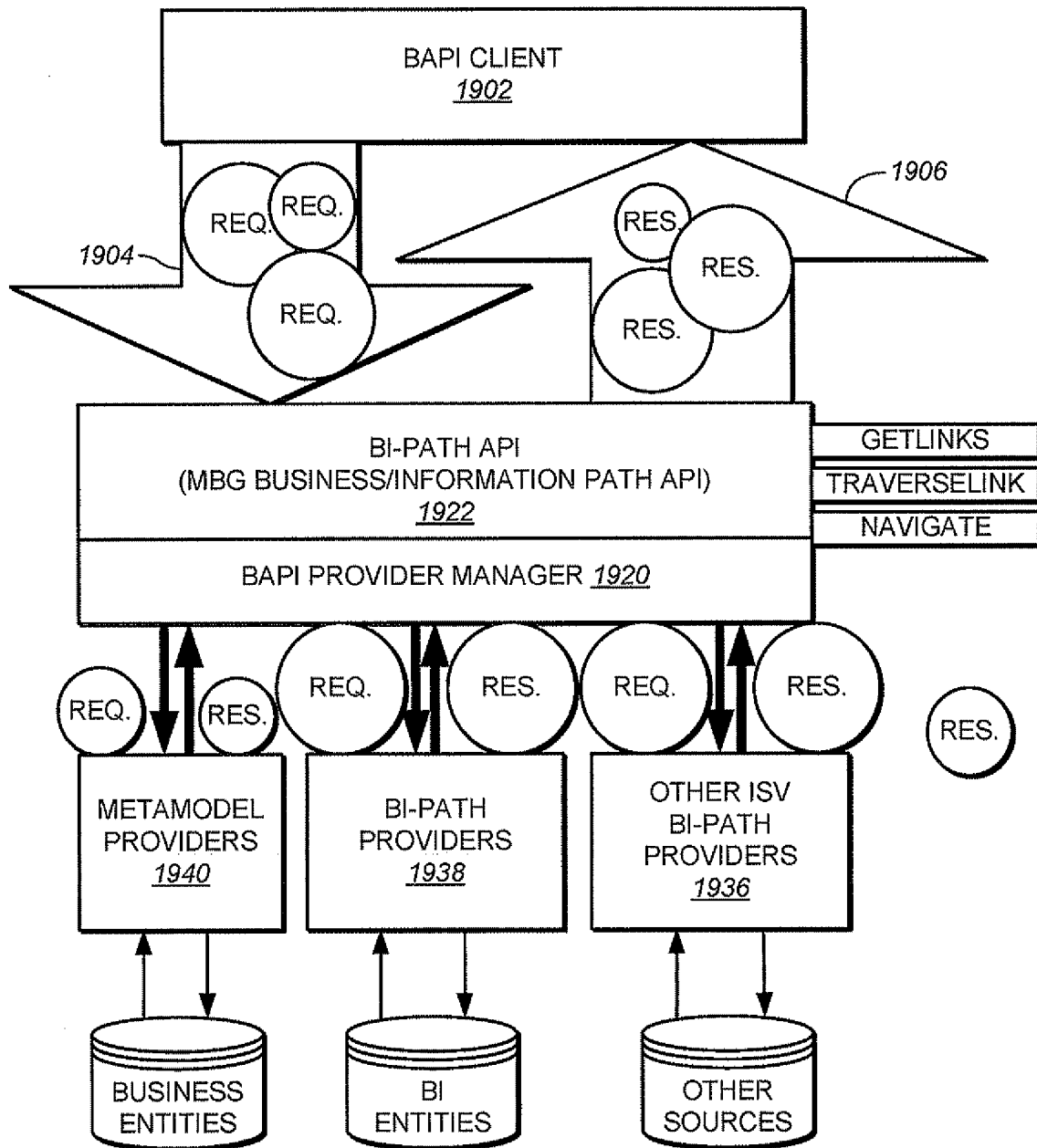


FIG. 30

**FIG. 31**

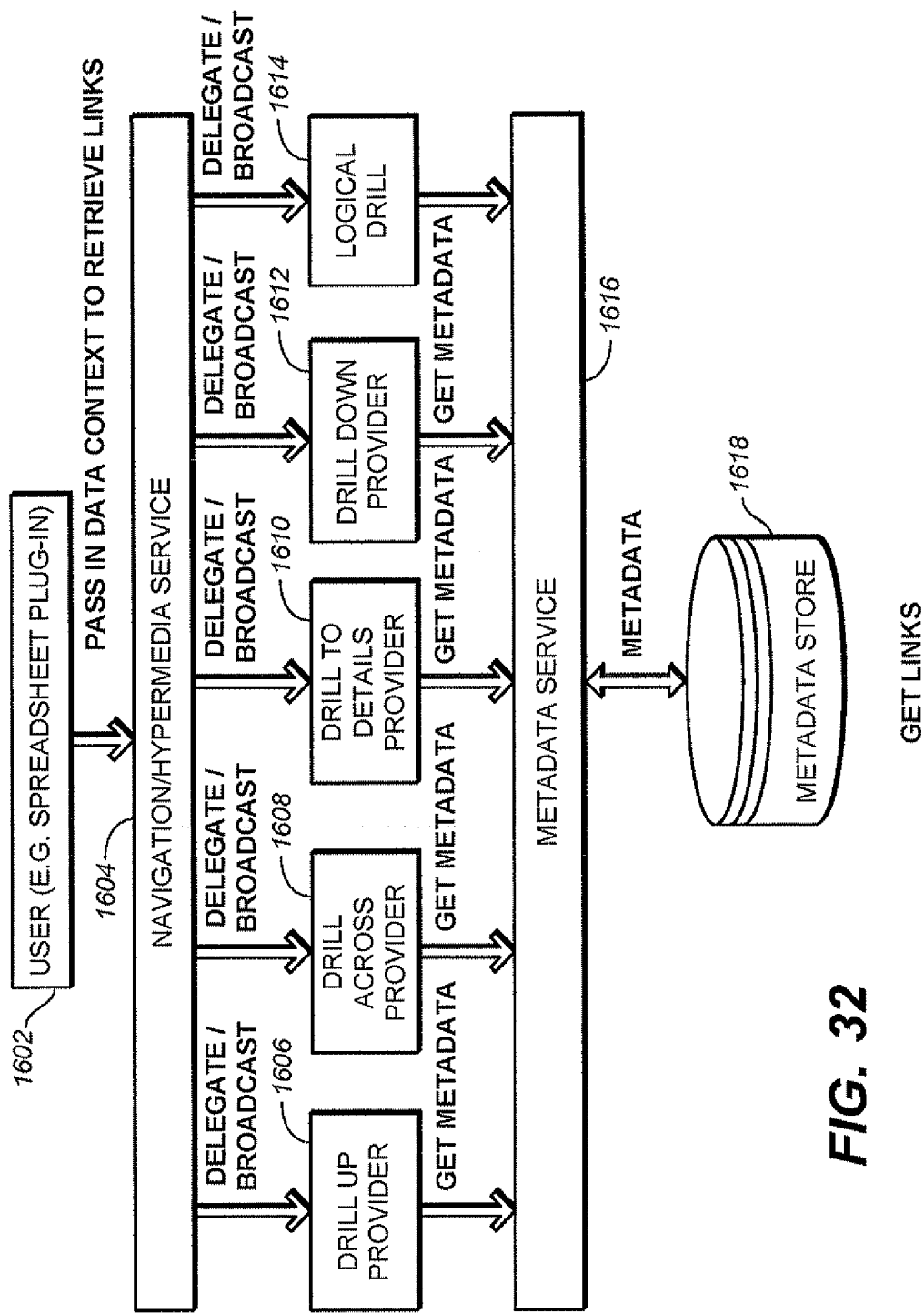
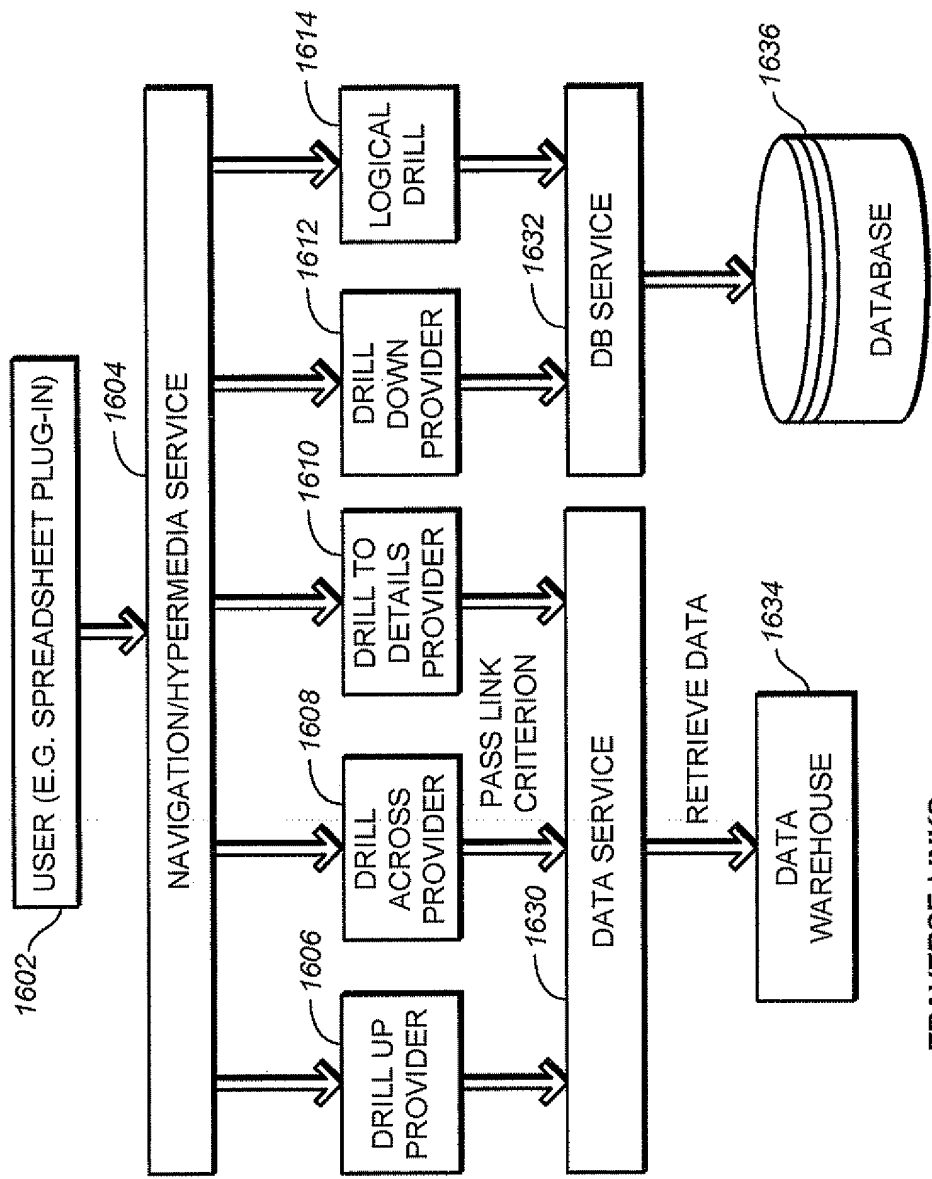


FIG. 32



TRAVERSE LINKS

**FIG. 33**

